

LEHIGH *Alumni* BULLETIN



DEC-JAN 1942-43



John Howard

Coming Events Cast Their Shadows...

Like the finger of impending doom, the mighty power of America's expanding air force is now casting its warning shadow over the far-flung battle-fields of the world. It will grow and grow until it obliterates the swastika and blacks out the rising sun.

* * *

50 miles an hour was an airplane speed record in 1909. The altitude record then was less than 600 feet. In the first World War, airplanes played a comparatively minor role. And even after the war, progress was slow.

But with the development of special alloy steels, airplanes and airplane engines went through a rapid evolution.

Today, speeds of from 300 to 400 miles an hour are commonplace. War in the air is going higher and faster. Planes now fly at over 20,000 feet. But the startling advances being made in aircraft construction may push the battle areas of the future up to heights which today seem fantastic.

We already have 2000-horsepower engines—and more powerful ones are coming. Gigantic eight—and even twelve-engine planes are being talked of—planes that can carry cargoes of hundreds of tons for thousands of non-stop miles.

The huge bombers and other military planes now coming off the assembly lines by the thousands are merely the forerunners of the super air liners and colossal freight carrying planes

that will take over much of the world's transport work. Free American industry, accustomed to doing "impossible" things, has put the full force of its genius for mass precision production behind the job of building the largest, the best and the most deadly air force in the world.

For many years Republic metallurgists have worked closely with aircraft engineers and manufacturers. They made the first successful heat of chromium-vanadium steel. They produced the first successful nickel-molybdenum steel. They issued the first "grain-size" chart. They developed the special Republic "Aircraft Quality" steels which are now giving such a superb account of themselves in critical applications requiring unusual strength and toughness. They produced the fine, shell-resisting armor plate that gives our American pilots a decisive margin of safety over their enemies.

Republic saw the coming need for greater tonnages of fine stainless and alloy steels several years ago—and prepared for it. Electric furnace capacity was stepped up quickly—and now shows an increase of more than 700%.

Important production records are being broken in Republic plants every month. To the nearly 70,000 men of steel in Republic mills, mines and offices, "Production for Victory" means two things: Protection for America and the flaming resolve that our fighting forces shall never suffer for lack of steel.

REPUBLIC STEEL

General Offices: Cleveland, Ohio

Export Department:
Chrysler Building, New York, N.Y.



BERGER MANUFACTURING DIVISION • CULVERT DIVISION
NILES STEEL PRODUCTS DIVISION • STEEL AND TUBES DIVISION

UNION DRAWN STEEL DIVISION • (Subsidiaries) TRUSCON STEEL COMPANY
REPUBLIC SUPPLY COMPANY • HOWARD SUPPLY COMPANY

THE LEHIGH ALUMNI BULLETIN

DEC.-JAN.

VOL. XXX

ISSUE No. 3

Features

- ★ Tips From the Tower page 3
- ★ Preface to the Future page 5
- ★ Cross-Cutting the Campus page 8
- ★ Student Topics page 10
- ★ Life Among the Service Men page 11
- ★ Honored Dead page 15
- ★ A Big Month for the Clubs page 16
- ★ The Lehigh Sports Parade page 18
- ★ The Lives of Lehigh Men page 22

* *

Leonard II. Schick

Robert F. Herrick

OFFICERS: President, James H. Pierce, '10; Vice-Presidents, Mercer B. Tate, '20, and Donald R. Lowry, '11; Treasurer, R. S. Taylor, '95.

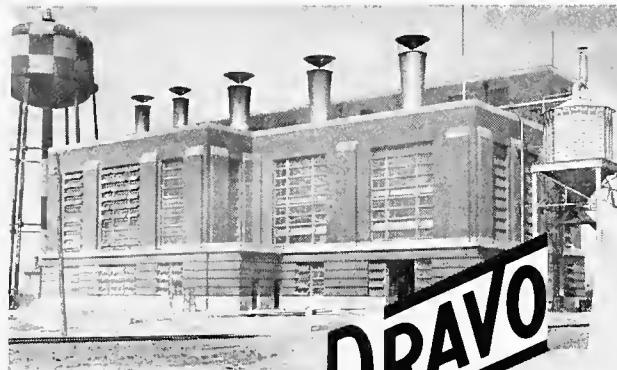
ALUMNUS TRUSTEES: Stewart J. Cort, '06; Daniel Berg, '05; Andrew E. Buchanan, Jr., '18; F. A. Merrick, '91; W. S. Landis, '02, and A. V. Bodine, '15.

Published monthly, October to August, inclusive, except during December and January, when it will be published bi-monthly, by the Alumni Association of Lehigh University, Inc., Alumni Memorial Building, Bethlehem, Pa. Printed by the Globe-Times Printery, Bethlehem, Pa. Entered as second-class matter at Bethlehem, Pa., Post Office. Subscription price, \$3.00 per year. National Advertising representative, Knox, Inc., 415 Lexington Avenue, New York, N. Y.

VOL. XXX—No. 3

DECEMBER-JANUARY, 1942-43





Built by

DRAVO

Two Views of Chanute Field

THE Power Department of the Dravo Corporation built the complete boiler plant at Chanute Field for the United States Army Quartermaster Corps. This job illustrates the manner in which the Dravo Power Department "Single Contract" method functions. The order from the Army specified one power plant complete. The Dravo Power Department consummated the work on time satisfactorily. The work entailed included the excavating, the building itself, and all the equipment. The advantages of Dravo's single contract method are, that flow of materials are co-ordinated in the central office, and that all necessary services such as engineering, purchasing, traffic, and personnel are available.



Lehigh Alumni with Dravo Corporation and Subsidiary Companies

S. P. FELIX, '03
J. D. BERG, '05
E. T. GOTTL, '06
A. S. OSBOURNE, '09
L. C. ZOLLINGER, '09
V. B. EDWARDS, '12
GEO. F. WOLFE, '14
W. P. BERG, '17
E. H. ZOLLINGER, '18
F. J. LLOYD, JR., '23
B. E. RHOADS, '23
W. W. ARMSTRONG, '27
R. W. MARVIN, '27
PAUL G. STROHL, '27

G. W. FEARNSIDE, JR., '28
C. W. GRANACHER, '29
E. V. TWIGGAR, '31
J. K. BEIDLER, '34
W. A. ROBINSON, '34
H. E. LORE, '35
L. P. STRUBLE, JR., '35
D. R. BERG, '38
W. B. WOODRICH, '38
K. C. COX, '39
C. C. BALDWIN, '40
A. T. COX, '40
F. E. HARPER, JR., '40
R. R. MERWIN, '40

R. E. STEPHAN, '40
DR. J. SMITH MILLER, HON. '41
ROBERT A. HECHTMAN, '41
WILLIAM H. LEHR, '41
RICHARDSON GRAY, '41
LLOYD F. GREEN, '41
GEORGE W. WOELFEL, '41
RICHARD M. DIETZ, '41
JOSEPH KASZYCKI, '41
ROY E. WOODLING, '41
GEORGE W. HANSON, '42
LOWELL K. OLIPHANT, '42
CHARLES E. PATTEN, '42
ROGER E. KOLM, '42
CHARLES P. DAVIDSON, '42

DRAVO CORPORATION

DRAVO BUILDING

PITTSBURGH, PENNA.

TIPS FROM THE TOWER

THAT the local plant of the Bethlehem Steel Company is maintaining its fast production pace was evidenced November 30 when the Army-Navy "E" was awarded to the men and officers of the company by repre-

Unable to attend the presentation ceremony Dr. Eugene G. Grace, '99, president of the company acknowledged the award by writing; "Coming at a time when our fighting forces are engaging the enemy on battle fronts all over the world, this renewal of the production award is particularly timely and significant, and I know will be received by employees throughout the organization with the greatest pride and satisfaction."



W. DAVID MAGINNES, '18
"the number one official"

sentatives of both branches of the service at a short but impressive ceremony held at the main entrance of the plant. This new pennant and the individual emblems presented to the men supersede the Navy "E" award which was presented last year for efficiency in wartime production.

Formal acceptance of the new honor was made by R. A. Lewis, general manager of the plant, and long a friend to Lehigh, who in turn presented the flag to Vincent J. Pazzetti, '15, superintendent of the Saucon plant, and chairman of the War Production Committee which is comprised of an equal number of representatives of the management and the employees of the company.

days when Lehigh's grid teams were recognized among the best in the east, Maginnes could not stay away from the gridiron and soon returned to the game



A. COPELAND CALLEN, '09
"receives additional recognition"

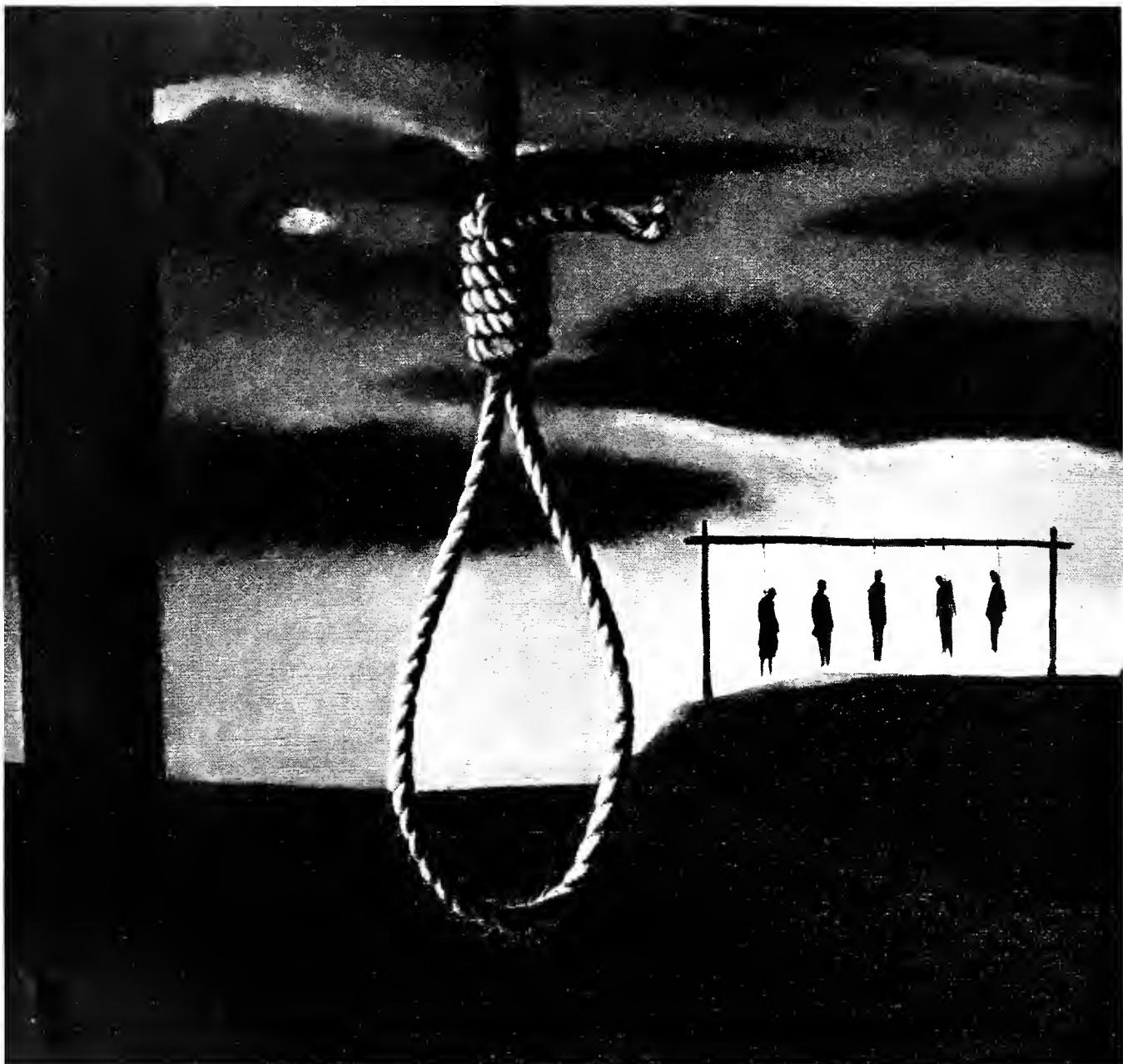
LONG an active figure in the affairs of the American Institute of Mining and Metallurgical Engineering, A. Copeland Callen, '09, received additional recognition last month when he was elected to the executive committee of the Mineral Industry Education division of that organization. Dean of the College of Engineering at his alma mater, the new official will be formally inducted to office at the annual meeting of the Institute to be held February in New York City.

as an official. His decisions were soon respected by coaches and players alike, and as the years passed he became one of the most sought after officials in the business. In recognition of his outstanding officiating ability editors of Colliers magazine recently published a full sized, colored photograph of Maginnes on their cover, and acknowledged him to be the number one football official in the country.

ALMOST a quarter of a century has passed since W. David Maginnes, '18, played his last game of collegiate football. A star in his undergraduate

THE ARMY-NAVY "E"
"accepted by Pazzetti and Lewis"





TRY THIS FOR SIZE...

ODDLY enough, this type of collar fits all kinds of people...Czechs and Poles, Frenchmen and Norwegians, Russians and Greeks.

It fits women as well as men, the old as snugly as the young, the strong as firmly as the weak.

It is designed especially for conquered people...and reserved for those among the conquered who dare to stick their necks out. Who presume they have the right to read or circulate forbidden newspapers and magazines, to listen to forbidden radio programs. Who get themselves accused...on no matter how little evidence...of spying or interfering or getting in the way.

Now, in the newspapers and magazines we so freely read, we see pictures of

strange people...foreign people...hanging from such nooses. Still and silent, their arms by their sides, their heads slightly askew as if they did not completely comprehend what had happened.

We have escaped it...so far. So far, these hangings have happened only to far-away people. Have you ever seriously thought that someday *you* might be the mute subject for such photographs?

You can be...

The country that we expect to fight this war for us, the country we assume is invincible, the country we look upon as millions of "other people"...that country can *lose* this war.

Can lose it unless *you*...and unless we who sign this advertisement...look upon it as our individual responsibility. Unless

we do not wait to be *told* what to do, but go out and *find out for ourselves* what to do, and *do it*. Unless we realize that each one of us *is* the country.

It's not a minute too soon to get the picture straight...not a minute too soon to pitch in and help turn the tide...not a minute too soon to do everything humanly possible, *now*, to save our necks.

**AMERICAN
LOCOMOTIVE**

30 CHURCH ST., NEW YORK, N.Y. MANUFACTURERS
OF TANKS, GUN CARTRIAGES, ARMY AND NAVY
ORDNANCE, STEAM AND DIESEL LOCOMOTIVES



Typical of Lehigh's part in the war are the most recent graduates pictured above just prior to receiving their commissions

Preface TO THE FUTURE

"What hope has Lehigh of passing the crisis of the next few months?" Here is the important background for Lehigh men who will wish to interpret the current manpower directives in terms of the University's immediate chances of "coming through"

ON the morning of December 7 the forms for this issue of the BULLETIN were broken for new information. On December 16, they were broken again.

During the entire week ending December 5 an announcement had been anticipated from the War Department, placing in effect a war program for the colleges of the country. Advance information, while sketchy, left little doubt of drastic terms involved. Lehigh University, in the early afternoon of December 5 could envision a loss of some 60-75 per cent of the student body, a realignment of all instruction with accent upon courses abridged beyond present acceleration, virtual abolition of arts, business and other non-technical curricula, and a staggering financial burden if the University were to attempt to maintain its identity, prestige and staff. The BULLETIN was prepared to release the expected details.

It would be pleasant to say that December 5 changed all that. It did not. President Roosevelt's executive order of that date, giving manpower control to Chairman Paul V. McNutt's War Manpower Commission, probably caused a collective sigh of relief of some proportion in collegiate circles but it guaranteed nothing.

The reason for the relief lay in a background which is almost essential to an understanding of Lehigh's present position. Briefly stated, it centered in a tussle for control involving principally the Manpower Commission, and the War and Navy Departments. The War Department, cooperating with Selective Service, was governed increasingly by a policy of obtaining manpower for the armed services

with little regard for industry or agriculture. The Manpower Commission, as implied in its appointment, had an eye for the armed services as well as distribution requirements which might preserve necessary personnel for the factories and farms. With this dominating motive, the Commission showed more complete appreciation of the colleges' full resources at a time when the War Department saw them as specialized training units in limited numbers to screen and train a maximum of 250,000 previously inducted men. Normal enrollment of American colleges totals upward of 750,000 young men.

As early as July of this year, formative discussions of the military forces and Manpower Commission were progressing with a view to the establishment of a manpower program ideally suited to their several needs, and presumably avoiding the pitfalls of the Student Army Training Corps of World War I. This plan had unfortunately imposed a military administration upon participating colleges when competent army administrators were seldom available. Only the war's end had saved its program of abbreviated courses from wiping out the country's reserve of skilled personnel.

In the course of joint conferences, representatives of higher education were given opportunities to express their viewpoint and present programs which in their judgment offered the maximum cooperation to the Army, Navy and industry without debasing the product to such an extent that all concerned would lack capable leadership. These plans were consolidated in the report of the American Council on Education which was accepted for study by all cooperating agencies.

AS discussions progressed during the summer, it became evident both that the War Department had become the final authority and that the school of thought in this group which placed emphasis upon extensive training in medicine, engineering and other professional lines regardless of the time element, was being overruled. At the same time the imminent lowering of the draft age from 21 to 18 was heralded in the press and college administrators had more uneasy moments as they saw indications of almost their entire student body being sent to war.

There were a few encouraging factors at that time, however. The Navy, which had prided itself on a personnel obtained entirely through enlistments, had long placed emphasis on college degrees for officer candidates. To pro-

"Realizing the basic, necessary qualities of trained professional and technical men"

tect this heritage, various "V" programs were instituted through cooperation with the colleges. Here, the participating students were actually inducted into the Naval Reserve on an inactive status until graduation when they would enter active duty as college-educated officers. There were obvious merits to the plan, both from the viewpoint of the Navy which obtained the cream of the college graduates, and from the universities' viewpoint where a continuing flow of students was guaranteed.

The Navy "V" programs had not been long in operation when the Army entered the field with a parallel proposition known as the Enlisted Reserve Corps, with essentially the same features. Lehigh students, entering for the fall term, were choosing between the two service reserves and the hope for a fairly normal student enrollment, guaranteed by the stipulations of the two plans, seemed to present a ray of hope. Just as the Army's Enlisted Reserve Corps was getting under way, however, a statement from Secretary of War Stimson essentially negated the entire plan and indicated how far the Army had swung from its attitude of deferring men in regular college courses. The statement further indicated that the Army expected to call its reserve corps, man by man, as its members reached draft age. Lehigh's accelerated program, concentrating a full undergraduate course in two and two-thirds years, promised that most Lehigh men would graduate by the then-current draft age of 21. At the same time, the new draft age of 18 seemed inevitable and indeed was enacted in less than two months.

Concurrent with all of this came a rising tide of concern on the part of industry, for a rich source of professional and specialized personnel from the colleges was going directly to the armed forces while Selective Service attempted to sort out those already employed but not considered essential to industry. This factor was a chief consideration of the War Manpower Commission but again the Commission seemed to lack the weight necessary to match strength with the War Department.

As November drew to a close, forces began to focus in Washington with the universal realization that a concrete program must be evolved or, in a matter of months, every college in the country would be going out of business. On November 27 administrators of middle-Atlantic colleges were in session in New York and this occasion was chosen to release the Government's program—at least until the hour of "unveiling" when representatives of the Army and Navy were forced to admit that the program lay on President Roosevelt's desk and to their surprise had not been cleared for announcement.

FACED with an awkward situation, they hinted at certain general provisions and let the colleges guess the answers for the time being. Best guessing at Lehigh was that the enlisted reserves of both Army and Navy and the Reserve Officers Training Corps would be shortly called to the colors, depleting enrollment by over 600 men; that the University would be given a chance to contract with the War Department for instruction of a limited number of men from the Army; that these courses would vary from 12 months to 27 months in length and; that other retrenchments mentioned in earlier paragraphs, with their resulting financial loss, were almost inevitable.

Just what happened in the Government picture will make



"Lehigh asks only the opportunity to provide the country with her best product."



interesting reading one day, but on December 5 the proposed program by executive order went not to the press but to the Manpower Commission along with full authority to Chairman McNutt for refurbishing the plan on broader lines if desired. Equally important was a section of the directive itself which stated: ". . . The Secretary of War and the Secretary of the Navy shall take such steps as may be necessary to assure that all training programs for the armed forces (including their reserve components) and the Women's Army Auxiliary Corps, which are carried on in non-federal educational institutions, conform with such policies or regulations as the chairman, after consultation with the Secretary of War and the Secretary of the Navy, prescribes as necessary to insure the efficient utilization of the nation's educational facilities and personnel for the effective prosecution of the war." (Ed. note—Italics are ours.)

That the Manpower Commission, headed by Chairman McNutt, himself a former college dean, and including prominent educators, will look to a program featuring greater utilization and appreciation of college facilities may be anticipated. There are limits to which even the Commission may go, however, in the face of rapidly expanding armed forces and an immediate demand for trained officer material. The Commission must decide the limit to which training may be pared without endangering the country's reservoir of skilled manpower through the continuous flow of educated men essential for officer personnel in the armed forces, professional service in society and efficient operation of the national economy.

Certain speculation in Lehigh's case is justified. Within the immediate months to come there is almost certain to be a further marked decrease in enrollment (aside from voluntary enlistments and inductions which in the last few months alone represent a \$12,000 loss in tuition *per semester*). Whatever contractual arrangements may be made with the Government for specialized instruction to fill this gap will certainly be undertaken at a financial loss in terms of normal operation. Should the University complete its next semester with an operating surplus it is likely to be the last in some time.

Realizing the basic, necessary qualities of trained technical and professional men, Lehigh asks only the opportunity to provide the country with her best product. Commenting on the latest information available from Washington as this issue goes to press, President Clement C. Williams says, "It seems probable that Lehigh and other qualified institutions will be given the opportunity to participate in the war training program by contracting with the Government for quarters, board and instruction for a number of inducted men who will be detailed for further study in engineering and medical preparatory courses. Neither the terms of such contractual obligations nor the magnitude of the assignment have as yet been indicated. In any such program Lehigh will do its full share."

Behind this determination are 10,000 Lehigh alumni who in service and in financial assistance stand between the University and the results of her sacrifice. No longer can they see new masonry rise as the result of their contributions. The satisfaction of laying cornerstones is a luxury of a past day and of an era to come. Today it is a richer gift, rewarded only with the satisfaction that Lehigh can endure.

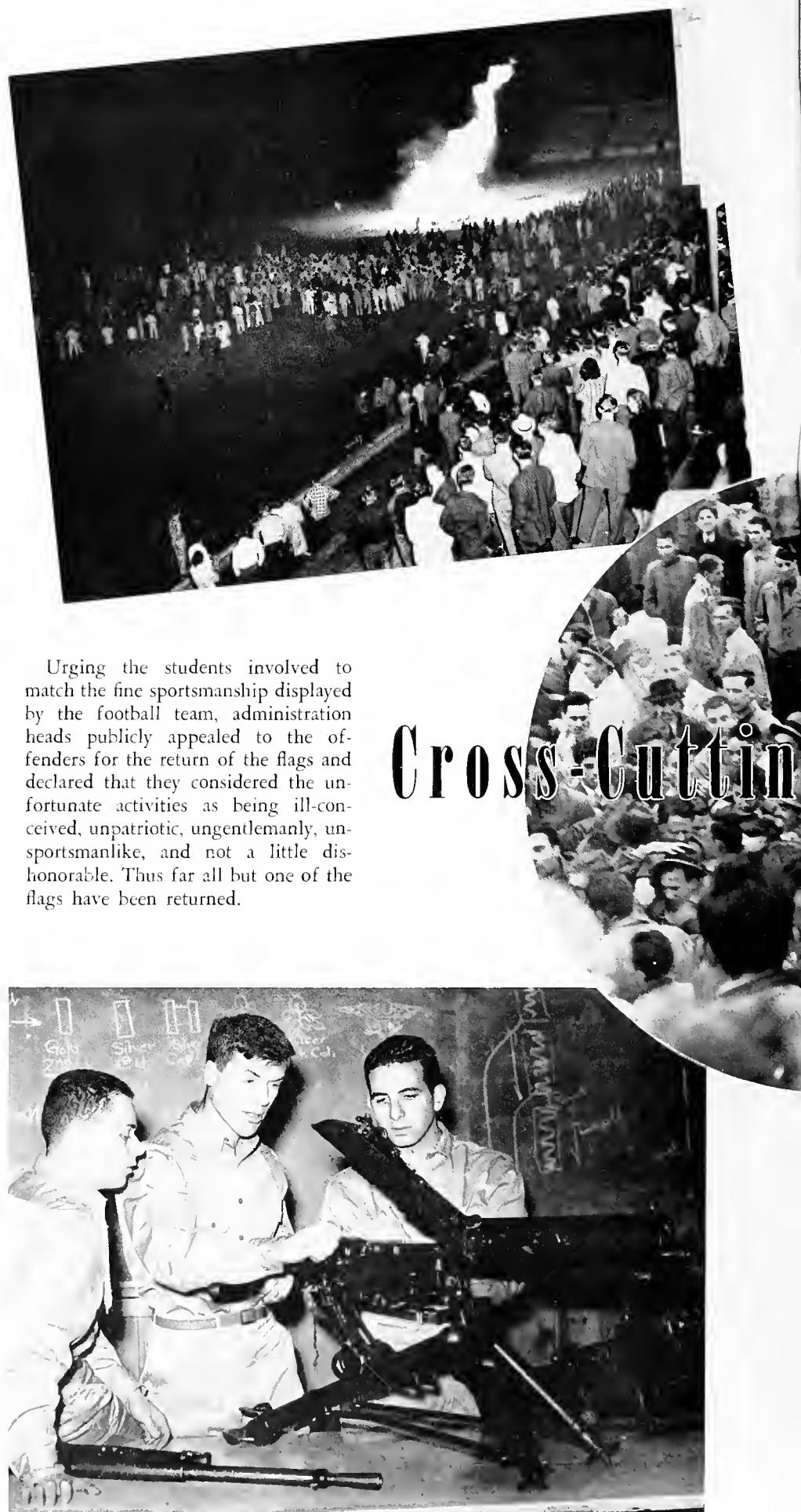
IMBUED with a new spirit, the result primarily of current gridiron successes, Lehigh undergraduate life reached a new high last month as students enjoyed houseparties, cheered the football team, entertained their fathers, and then shuddered until dreaded Valentines, indicative of failing classroom work, had been distributed.

The enthusiasm which has been growing steadily since early October when the grid team revealed that it soon would be a power to be reckoned with reached its peak on the eve of the traditional encounter with Lafayette, when hundreds of excited students jammed Grace Hall, cheered lustily the few speakers who could be heard, and then paced by the band marched across town to inform startled Bethlehemites that this was Lehigh's year to howl. As decreed by tradition the marchers halted at the entrance of the Moravian College for Women where pajama clad Lehigh freshmen loudly serenaded the female students, their faculty, and townspeople who bravely ventured forth to find the source of the din.

Approving of this display of spirit, officers of Arcadia, Student Governing Body, frowned upon the midnight visit made to Easton by some 150 students who returned with one of the Lafayette goal posts. Concerned because a peace-pact had only recently been signed by student leaders of the two colleges, Arcadia members were helpless the following day when students, overjoyed with the outcome of the Lafayette game, rushed out of the stands, tore down a protecting fence, and for more than an hour battled Lafayette students and police in an effort to tear down the goal posts.

When the fracas was finally subdued, Lehigh's undergraduate battlers found themselves in possession of one goal post, the Lafayette College flag, and several valuable class pennants. Triumphant they returned to the campus expecting to be welcomed with open arms. But instead the more wiser students and administrative officials dealt out stinging rebukes to the offenders, threatened University action unless the "stolen" property was returned immediately to Lafayette.

Top: Spirit was high on the eve of the Lafayette game as pajama clad frosh ignited the traditional bonfire. Right: Military students learn the intricacies of weapons now being used by the Army



Cross-Cutting

ple a hapless Hampden-Sydney eleven into defeat.

In the evening, dances were sponsored by the various fraternities and living groups. Unlike other years, most of these parties were informal and a few of the houses, abandoning the policy of obtaining orchestras, danced to recorded music. But everyone enjoyed themselves, and Sunday afternoon when houseparty officially ended, it was generally agreed by students and girls alike that it was one of the best social affairs held on the campus in recent years.

A HOUSEPARTY tradition that compelled shivering freshmen to stand outside Taylor gymnasium most of the night in order to secure football tickets for their respective fraternities caused so much confusion and ill will in the past that it was abolished this fall in favor of a lottery system. Administered by Arcadia, choice seats for the houseparty game were awarded to one of the dormitory sections, while the luck of the draw ruled that one fraternity with three members in the starting line-up obtained the least desirable seats for their dates. However, no one complained because everyone realized that the lottery system of awarding tickets is the fairest yet devised.

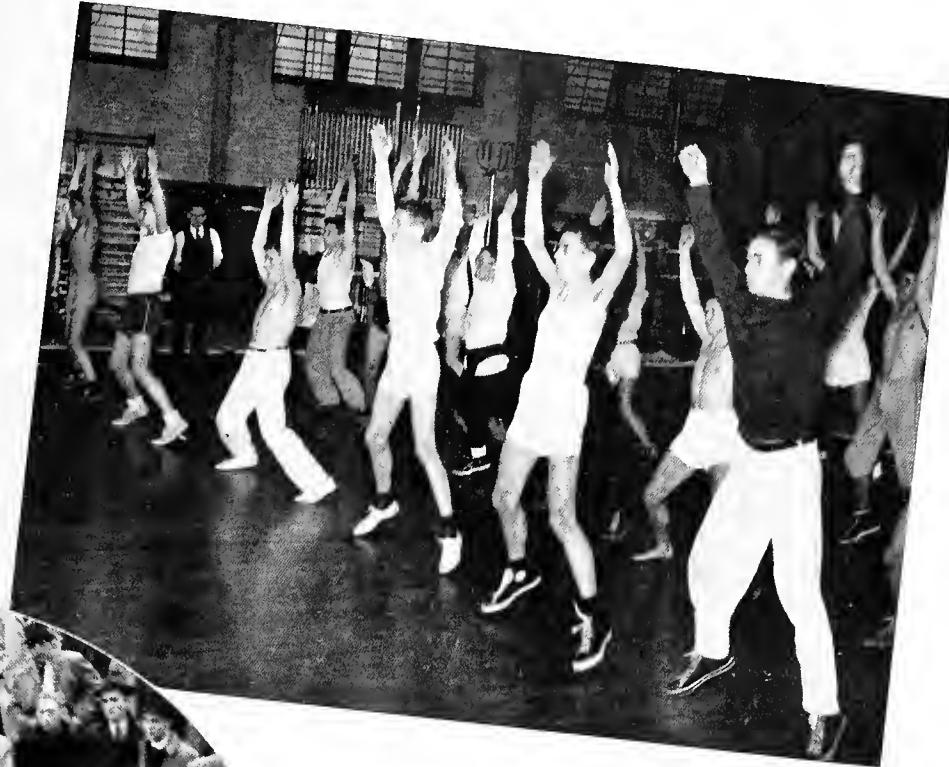
Houseparties over, students returned to the everyday routine of classes and study, but on the following week-end they turned out in force to welcome some 300 fathers who visited the campus for the third annual "Dad's Day" celebration. Given the opportunity to see college life in action, many of the fathers attended classes with their sons, and then were guests at a "Dad's Day" luncheon in Grace Hall. Features of this program were short inspirational talks given by Walter R. Oke-son, '95, vice-president and treasurer of the University, and George W. Hoban, '15, head football coach, who promised the fathers that the Brown and White team would fight hard against Muhlenberg in the traditional grid game to be played that afternoon. Impressed with Hoban's sincerity, the fathers joined their sons in the stadi-

Also enthusiastic were the fall houseparties which saw the largest crowd in University history attend the Senior Prom Friday evening, October 30, in Grace Hall. Simplified because of wartime conditions, the dance attracted 912 couples who thoroughly enjoyed the music furnished by two well known dance bands. Saturday afternoon undergraduates and their brilliantly attired guests added plenty of color to the large crowd which watched an aroused Brown and White football team tram-

the Campus



Top: Group calisthenics are in order now. Circle: Action as Lehigh-Lafayette students battle for the goal posts. Left: Students and houseparty dates eagerly listen to a new dance number



um, cheered loudly as Lehigh dominated the field of play, and then proudly acknowledged tribute at the end of the half when the Brown and White clad band marched down the field and spelled "Hi Pop."

But social life was brought to an abrupt halt when 801 Valentines were distributed to undergraduates as a warning that scholastic work must improve if semester examinations are to be passed. Of the number of Valentines distributed 389 were received by fraternity men; 213 by dormitory residents, and the remainder by town students. Five hundred and sixty-three were received by Engineers; 135 by Business students, and 84 by Arts men. The one cheering note in the entire picture was the fact that 35 less Valentines were mailed this year than in the fall of 1941. Students receiving such notices immediately poured on the midnight oil in a desperate effort to make up back work, while those fortunate enough to go unscathed breathed a sigh of relief and resolved that their work would continue to be above reproach.

HOWEVER, the momentary gloom brought on by Valentine Day was dispersed when faculty action altered the college calendar so that students will have a Christmas holiday which will include the New Year week-end. As originally planned the Yuletide recess would have ended the day prior to New Year. However, Arcadia, student governing body, suggested that the holiday be changed since most students would be reluctant to return to college before the first of the year. As the revised calendar now stands students were given a holiday on Thanksgiving Day and will also have off from December 23 to January 4, 1943. In addition to the eleven day recess at Christmas, undergraduates will have an additional twelve days off at the end of the first semester. However, much of this period will be spent in registration for the second semester scheduled to begin January 28.

Cultural highlight of the month, the second in a series of Student Concert Lecture programs, featuring Mozart's grand opera "The Marriage of Figaro" attracted hundreds of students and faculty members to Broughal High school's auditorium on November 16.

(Continued on page fourteen)

Student Topics



Devoted to the thoughts of Lehigh's undergraduate body this feature is published primarily so that alumni may know and understand the current trends of student life. All of the following statements have been published in the student newspaper and all have aroused widespread comment on the campus.

Football seating. . . "Why Lehigh students, certainly the ones who are entitled to the best seats, are forced to sit at the end of the field, we do not know. . . Perhaps the University is more interested in saving the best seats for the public instead of reserving them for the persons for whom the University is supposedly made—the students". . . Social changes. . . "With the future of the University still a haze, the students would be foolish to expect continuation of such social functions as have distinguished college life of the past. . . Voluntary curbing of social affairs is evident to a slight extent in the elimination of corsages and the signing of smaller, less expensive bands. . . but Lehigh may follow the suit of other colleges in the elimination of all major social events." . . . Blood Bank. . . "For those of us who are not able to give our money, experience, service, or lives there is a valuable way of helping to win the war. . . the Red Cross Blood Bank is never full. . . The blood we give is priceless. . . Invaluable first aid for fighting men." . . . Cut System. . . "During the Yale week-end, each football man missed at least five classes, and many missed six. . . In addition to making up the normal amount of work missed, the majority of the instructor's have penalized us by assigning outside reading. . . This outside reading usually consists of outlining a chapter and in one course entails a jaunt to the Bethlehem Library because the University library does not have the required book. . . Athletic teams have never been given special privileges at Lehigh, which is rightly so. . . But we do feel that we are entitled to a small amount of consideration. . . Athletics, especially football, are time consuming and this new burden is just about the last straw. . . If this be justice, I am more than willing to give injustice a chance". . . Liberal Arts. . . "It has been pointed out that the Liberal Arts and Business curricula may well be educational war casualties in some colleges and universities. . . The welfare of the future demands that all colleges, especially liberal arts, remain active throughout the war. . . Continuation of the liberal arts college is as imperative in war as in peace. . . The reasons have been stressed many times before and are evident when the nature of war and all its sociological, economic, and political reflections are considered. . . An even more practical reason for continuation in war time of liberal arts is the ease with which the college will adjust itself to post-war plans. . . Lehigh is now considering post-war physical equipment and should do likewise with its courses and the men who teach those courses. . . In order to keep enrollment of arts and business at a par, two methods of change are evident. . . night classes for city residents and co-education. . . Both are contrary to the established order of things, but if tradition must be changed in order to keep the college a real college, there should be no hesitation to make that change."



Photographed by the United States Army Signal Corps, the picture below shows American soldiers getting some practice on the big guns. Left: First Lieutenant Harry A. Harchar, '39, who is now Associate Editor of the "Stars and Stripes" the A. E. F. newspaper in the European sector. Below: (right) An active participant in a air attack on Nazi ships was Lieutenant John R. Muehlberg, '42



THAT Lehigh men are never too busy to think of their alma mater is evidenced by the hundreds of letters that have poured into the Alumni office from all of the world's battle fronts where alumni are fighting night and day in an effort to wipe out the Axis trio. It is the purpose of this article to pass on some of the more interesting stories so that our readers may know the excellent work now being done by the more than 800 alumni now wearing the uniform of Uncle Sam.

First story, describing the life in the British Isles, is written by Lieutenant Harry A. Harchar, '39, associate editor of "Stars and Stripes" the newspaper of the forces in the European theater. Harchar writes: "We're a typical newspaper madhouse—all kinds of scurry-

ing around the Isles for news, photos, and circulation. On one of these trips I bumped into Jack Heller, '39, my old classmate. We heisted a few British lagers, and had a fine time on the usual "remember when" topics. On still another trip I met Bob Hand, '40, with a Q. M. outfit. I know there must be many more Lehigh men here, but I haven't met them yet."

"LONDON. We used to read about Piccadilly Circus, St. James' Palace, Buckingham Palace, Bond Street, Hyde Park, Big Ben, the London Tower and other interesting spots so well-known to travelers like Neil Carothers. Now we're right in the midst of it all and frankly, although we like it, it's not like home.

"For instance, it's like trying to buy champagne in a cigar store to try to get

a glass of water with your meal. The English can't get accustomed to the Yank drinking iced water and hot coffee at the same meal. And coffee—you have to start asking for it the minute you sit down if you expect to have it served some time before you finish your meal. The natives stick to coffee strictly as a *demi-tasse, apres le diner*. Scotch, if you can get it, is worth anywhere to between nine and twelve bucks a bottle and although the beer is plentiful, it is not chilled and very flat. But it is all right after the first ten or twelve mugs.

LIVING in a total black-out is quite an experience in itself. Especially driving. Try going up South Mountain at 35 m.p.h. some nite with just your parking lights on and you'll get a fair idea of what it's like, except that you won't have the traffic and pedestrians to annoy you. Many a mail box and light pole have been bumped into and

Life Among the Lehigh Service Men

apologized to before their true identity was discovered. But it's fun.

"Food. There's an interesting subject, even though steaks are none existent, onions unheard of, oranges, a pleasant memory, bananas something from books and ice-cream a longed-for dream—we do manage to keep alive on potatoes, carrots, cabbage and mutton. Let me relate an interesting experience. My outfit landed in Northern Ireland in January. Immediately we were put on British rations—mutton, carrots, cabbage—or sometimes carrots, potatoes, and mutton—but always carrots. They said we needed Vitamin B to help us see in the black-out. In March we were supposed to receive the first American rations from home. Eureka! At last! FOOD! I was especially lucky by being put on the unloading detail. Now we could eat—something besides carrots and cabbage. Well, we got down to the boats bright and early one morning, unloaded all kinds of stuff and finally got down to the food. The first net swung over the side. A cheer went up. Slowly it swung down and the man grabbed it. What do you suppose it was? Bananas? No! Pineapples? No! Oranges? No! CARROTS! By the ton. I hate 'em.

"The folks here love our Frankie—F. D. R.—as much as they love Churchill and Stalin. You see pictures of all three in the various pubs all over England, Scotland, Wales, and Ireland. They listen intently to anything that F. D. R. has to say and mostly agree, which is more than some Republicans do. Flags of all the allies are displayed in shop windows and American tunes are played universally. As a matter of

fact, they play 'Deep in the heart of Texas' so much in Belfast that we are convinced it will be the new National Anthem for Ireland.

"We are quite happy on the staff of *Stars and Stripes*, the official newspaper of the U. S. Forces in the European Theater. We are a weekly now, but by the time you get this, we'll probably be a daily. Then the fun begins. No other Lehigh men on the staff, but I do get a chance to argue with men from Columbia, Penn, Syracuse, Cornell, Clemson. We're quite a heterogeneous conglomeration. We try to give the troops news from home, other fronts, comics, sports, cartoons, etc. It's a tough job trying to squeeze all that into eight pages. I wish I could have learned some journalism from Dale Gramley and Brother K. K. Kost who, I imagine, is still about the campus smoking Briggs.

WE'RE having a fine time learning to speak the language and to use the coin of the realm. At first it was confusing to use a lift, to ride a tram, to use a torch in the black-out, to visit the chemist for an aspirin, to drink in a pub, to see a cinema, to buy a nail in an ironmonger's and to eat in a brasserie—which term itself led to a good deal of commotion as you can well imagine. It was hard to think in terms of pounds, shillings, and pence and we still do some mental conversion to determine what an article is actually worth in dollars and cents. All this was very puzzling at first, but we're slowly becoming acclimated. Only right now we wish we were in Joe's."

Latest Lehigh hero to flash across the horizon is Mitchell Zawisza, '39, (featured in a recent issue of *Reader's Digest*) whose exploits as a flying Lieutenant in the Australian air sector have earned him the colorful nickname "Polish Falcon." Zawisza, who shot down a Japanese plane which was attacking a fellow pilot over Darwin last April, was among 32 men who received the silver star for gallantry in action from Major General George C. Kenney, U. S. air chief for the Southwest Pacific area.

His decoration is believed to have been in connection with an exploit he described in a letter to his parents which read as follows: To date I have shot down two Jap bombers. They came over one day and eluded us and bombed a city. We were called back to protect it and I caught sight of seven. I strafed all of them, dove at 450



An official photograph shows Robert F. Shimer '43 in training at the Navy's Jacksonville base

mph. and came up from the other side. My ship was riddled with bullets, but I escaped unhurt."

An item from the public relations office of the naval training station at Great Lakes reveals that Kenneth R. Templeton, '41, has recently been graduated from recruit training as honor man of his company. Templeton enlisted a few months ago as an apprentice seaman, and was selected to attend one of the Navy's Training Schools after he finished first in a series of aptitude tests given to the 130 men in his company.

FIRST pilot of a B-24 bomber, which he declares "is the best ship with the best crew there is" Lieutenant John R. Muehlberg, '42, recently participated in a mass American bombing of Axis ships in a Grecian port. It was in this attack that the bombers sank heavily laden supply ships in Navarino Bay at the mouth of the Ionian sea. All planes returned safely but were scarred by Axis bullets from anti-aircraft artillery and five attacking pursuit planes, four of which were shot down into the sea. Muehlberg, who lives in stone barracks in the Middle East writes that conditions are far better than he expected.

A member of the famed Flying Tigers, Jack Croft, '40, has now returned



KENNETH R. TEMPLETON, '41
"first in a series of tests"

to this country and has accepted a position as test pilot for the Republic Aviation Corporation. Formerly an Ensign in the Navy, Croft learned of the American Volunteer group last year, obtained an honorable discharge from the Navy, and traveled to the Far East where he joined Chenault's Tigers.

Of his experiences in China Croft writes: "One time we got a fifteen minute warning that Japs were heading our way, so we climbed way up. When we spotted them we dived down, and my partner (in another plane) and I sent one down in flames. Another time I strafed a field and set fire to a bomber."

During his stay in India and China, Croft was billeted with private families. He found things reasonably comfortable, but complained that cigarettes were full of worm holes and didn't draw smoke very well. In India he got a kick out of the movies where one can purchase about six different types of tickets, depending on his social standing. Members of the top class sit in arm chairs and on couches. Because of the high prices prevailing in China, Croft and most of the other Tigers sold many of their personal belongings before returning home. For example, a \$30 gun could be sold for \$500.

The silver star for gallantry has been awarded to Lieutenant Mitchell Zawisza, '39, an Army aviator.



Following are the names of recent graduates who are now in the armed forces:

CLASS OF 1942

- Adams, Lt. J. M., U. S. A.
- Adrian, Pvt. John, Jr., Quantico, Va.
- Anderson, Ensign R. B., Fort Schuyler, N. Y.
- Arbogast, Ensign, J. F., U. S. N. R.
- Archbold, G. E., Quantico, Va.
- Arnold, Lt. J. A., U. S. A.
- Ashley, Lt. R. E., U. S. A.
- Ayers, Sgt. W. H., Camp Livingston, La.
- Bachman, D. N., Maxwell Field, Ala.
- Barker, R. S., Fort Benning, Ga.
- Barnard, W. H., Bendix, N. J.
- Bauder, Pvt. K. C., Fort Bragg, N. C.
- Becker, Sgt. J. J., Plattsburgh Barracks, N. Y.
- Beers, J. F., U. S. N. R.
- Belcher, Lt. J. F., Camp Wheeler, Ga.
- Bliss, Lt. W. R., Quantico, Va.
- Boig, C. W., U. S. A.
- Bostock, Lt. W. T., Australia.
- Bough, Lt. S. R., Jr., Aberdeen Proving Ground, Md.
- Bown, Lt. Ralph, Mobile, Ala.
- Bright, Lt. R. R., Fort Benning, Ga.
- Brown, Lt. A. B., Fort Monmouth, N. J.
- Bruen, Midshipman, James, Notre Dame, Ind.
- Butler, Pvt. W. S., Fort Benning, Ga.
- Button, R. S., c/o Postmaster, San Francisco, Calif.
- Clark, Albert, Aberdeen Proving Ground, Md.
- Clark, N. R., Aberdeen Proving Ground, Md.
- Clark, Lt. R. W., U. S. A.
- Clark, W. L., Chester, Pa.
- Conklin, Lt. A. H., Camp Wheeler, Ga.
- Conrad, Corp. C. M., Tallahassee, Fla.
- Cooke, Midshipman, O. W., Chicago, Ill.
- Crist, Pvt. R. E., Middletown, Pa.
- Croot, Pvt. L. A., Camp Luna, N. M.
- Cziguth, F. P., U. S. A.
- Davis, E. C., Jr., Fort Belvoir, Va.
- Demberg, R. C., Fort Mifflin, Pa.
- Deschler, Lt. P. A., Camp Wheeler, Ga.
- Dillenbeck, K. K., Camp Polk, La.
- Dirkes, Pvt. F. R., Boston, Mass.
- Donohoe, Lt. H. V., Fort Benning, Ga.
- Downs, Lt. J. V., Quantico, Va.
- Dudley, J. H., Aberdeen Proving Ground, Md.
- Duggan, K. D., Chapel Hill, N. C.
- Eckel, Ensign W. P., U. S. N.
- Eisele, Ensign W. A., U. S. N. R.
- Evans, Vernon, Jr., Miami Beach, Fla.
- Farnam, Lt. E. H., U. S. A.
- Farrand, Lt. Henry, Camp Wheeler, Ga.
- Felker, Sgt. J. B., March Field, Calif.
- Ferland, A/C, C. R., Jacksonville, Fla.
- Forshay, R. E., Quantico, Va.
- Forsyth, Lt. R. H., Columbia, S. C.
- Foster, Ensign D. T., U. S. N. R.
- Foster, H. E., U. S. N. R.
- Fredrick, Lt. W. R., Fort Benning, Ga.
- Freemann, Ensign R. Z., U. S. S. Ranger, N. Y.
- Frye, Lt. F. O., Camp Langdon, N. H.
- Fuller, Lt. R. L., Harlingen, Texas.
- Gaedke, Pvt. W., Fort Oglethorpe, Ga.
- Gamble, Lt. Ernest, Death Valley, Calif.
- Ganzer, R. H., U. S. Marines.
- Gheen, Lt. W. E., Wellston Air Depot, Ga.
- Gleadall, Lt. W. W., Chemical Warfare Service.



MELVIN L. JACKSON, '37

"a Captain in the Air Corps"

- Goldstein, Pvt. Sanford, Camp Pickett, Va.
- Gordon, Pvt. J. A., Fort Eustis, Va.
- Gordon, Lt. Kilbourn, Camp Wheeler, Ga.
- Gordon, Pvt. R. C., U. S. A.
- Gorman, W. D., Chapel Hill, N. C.
- Gould, Pvt. J. A., Miami Beach, Fla.
- Griffen, John, Fort Belvoir, Va.
- Haire, D. M., U. S. Navy
- Haus, Corp. J. B., Charlotte, N. C.
- Heller, Pvt. J. H., Camp Chaffee, Ark.
- Hershock, Edward, Mitchel Field, N. Y.
- Hill, J. B., Army Air Corps.
- Himmelwright, Lt. W. A., Fort Riley, Kan.
- Horka, Lt. A. E., c/o Postmaster, N. Y. C.
- Hume, D. L., Aberdeen, Md.
- Hunt, Pvt. J. A., Camp Clairborne, La.
- Jones, Lt. H. W., Camp Cooke, Calif.
- Keller, Pvt. D. W., c/o Postmaster, San Francisco, Calif.
- Kelly, E. J., Notre Dame, Ind.
- Kizer, Corp. J. F., Aberdeen Proving Ground, Md.
- Klein, Lt. E. H., U. S. Marine Corps.
- Kroupa, C. E., U. S. A.
- Kurz, H. T., Spense Field, Ga.
- Larkin, Lt. J. P., Maxwell Field, Ala.
- Latimer, Lt. W. D., Camp Polk, La.
- Lees, Lt. J. R., Fort Monmouth, N. J.
- Lehman, Cap. J. K., Los Angeles, Calif.
- Levy, Monroe, A/C, U. S. N.
- Lindsay, Lt. W. H., Riverhead, N. Y.
- Little, C. J., U. S. A.
- Lord, R. O., Jr., Miami Beach, Fla.
- Louden, C., Kelly Field, Texas.
- Loughran, Lt. J., U. S. N.
- McAfee, Pvt. D. B., Barksdale Field, La.
- McConnell, Lt. M. F., Wright Field, Ohio.
- McCord, Ensign W. D., U. S. N.
- McQuincy, R. L., Portland, Ore.
- Macy, Lt. R. R., Aberdeen Proving Ground, Md.
- Maginnis, H. R., Annapolis, Md.
- Mahoney, Pvt. H. E., Atlantic City, N. J.
- Mainwaring, Lt. W. T., Fort Meade, Md.
- Marchetto, Pvt. C., Camp Clairborne, La.
- Mascuch, Lt. R., Camp Wheeler, Ga.
- Mayer, Lt. Franklin, Fort Benning, Ga.
- Meckbach, Lt. Raymond, Fort Meade, Md.

Meyer, C. F., March Field, Calif.
Middleton, A/C, D. M., Lowry Field, Colo.
Milbank, Lt. J. H., Fort Francis, Wyo.
Moss, Lt. R. F., U. S. A.
Munnikhuyzen, Lt. R. D., Wright Field, Ohio.
Needles, Lt. J. W., Aberdeen, Md.
Nichols, Corp. W. A., c/o Postmaster, San Francisco, Calif.
Nolf, A. C. J. W., U. S. N. R.
Palmer, Lt. R. M., Macon, Ga.
Parsons, Lt. G. E., Baltimore, Md.
Penn, Pvt. J. R., Fort Riley, Kansas.
Peter, William, Curtis Bay, Md.
Pfeffer, Lt. J. F., Camp Perry, Ohio.
Pooley, Pvt. J. A., Towsy Field, Colo.
Read, Lt. J. A., Wright Field, Ohio.
Regan, M. J., Fairfield, Ohio.
Reuwer, H. T., Brookley Field, Ala.
Roach, Pvt. J., Atlantic City, N. J.

Robertson, A/C, G. B., U. S. A.
Rowe, Ensign G. P., Coast Guard Reserve.
Ruffle, Lt. C. C., Fort Francis, Wyo.
Saitta, Lt. P. W., Brookley Field, Ala.
Samuels, Pvt. Abram, Fort Belvoir, Va.
Saulnier, Pvt. Theophile, Hunter Field, Ga.
Schaffer, R. L., Chicago, Ill.
Schneider, Lt. John, U. S. A.
Schroeder, Ensign H. O., U. S. N. R.
Schumacher, Lt. C. H. S., Jackson, Miss.
Scott, Lt. T. G., Fort Benning, Ga.
Seebald, Lt. Henry, Camp Wheeler, Ga.
Sellers, Ensign John, Portland, Ore.
Seward, R. M., Lowry Field, Colo.
Shuttleworth, W. S., U. S. A.
Smith, D. R., Fort Francis, Wyo.
Smith, Lt. F. E., U. S. A.
Smith, Ensign J. T., Philadelphia, Pa.
Spears, Lt. William, Fort Benning, Ga.
Steele, Lt. R. B., Fort Knox, Ky.

Stowbridge, T. W., Fort Monmouth, N. J.
Sturgis, C. T., U. S. Coast Guard.
Tallaksen, Lt. Arthur, Hamilton Field, Calif.
Taylor, Lt. R. G., Aberdeen Proving Ground, Md.
Thaeder, Lt. F. R., Camp Wheeler, Ga.
Thalehamer, Ensign A. L. T., Ithaca, N. Y.
Tift, Lt. A. D. W., Oklahoma City, Okla.
VanBlarcom, Lt. J. D., Fort Benning, Ga.
Varner, Pvt. W. P., Miami Beach, Fla.
Vaughn, Lt. H. A., San Francisco, Calif.
Wagner, Pvt. G. A., Las Vegas, Nevada.
Warmkessel, Lt. C. A., Hautee Field, Ga.
Warner, Lt. E. F., Jackson, Miss.
Weis, E. P., Randolph Field, Texas.
Wiggin, Ensign A. K., Chapel Hill, N. C.
Wilhelmy, Pvt. N. J., U. S. A.
Williams, H. M., South Bend, Ind.
Wood, R. F., Jr., Camp Croft, S. C.
Worman, Pvt. D. S., Camp Croft, S. C.

Cross-Cutting the Campus

(Continued from page ten)

Presented by the Philadelphia Opera company, the production was unusual since it was given entirely in English and modern stage methods were used to good advantage.

Of interest to undergraduates everywhere was a draft deferment plan formulated by Lehigh's Dean of Undergraduates who pointed out that no provision has been made under the new draft bill for the continued supply of men trained for civilian and industrial services essential to the war effort. Heretofore, a college man studying in certain specified fields has been deferred at the beginning of his junior year. Now, there is little chance of his spending two years in college enabling him to reach the deferred status. Basis of the Dean's plan is to have men selected for deferment on the basis of academic achievement regardless of their year in college. This, he believes, will save many capable students for essential jobs where they will produce most in the war effort.

BILLETED on the campus for the past two months, twenty-six Naval Air Cadets received certificates of achievement at impressive graduation exercises held at the Allentown-Bethlehem Airport. The basic course completed, the Cadets now await orders to report to Chapel Hill for their pre-flight training. Meanwhile, a new group of Cadets arrived on the campus ready for the intensive course taught by Lehigh faculty members and instructors at the airport.

That the University Health service plays a most important part in college life was evidenced when a report by the medical director revealed that more than 25,000 visits were made to the health center last year by students, faculty members, and employees of the University. During the year 1780 physical examinations were made and those students showing health defects were turned over to the director of physical education for special attention in the now emphasized physical fitness program. New equipment purchased for the Health service included an X-ray apparatus to survey possible tuberculosis cases; a short-wave diathermy machine, and two audiometers to test hearing. All were used extensively and aided materially in maintaining the health of undergraduates.

Story of the month revolves around a group of ambitious First Aiders who rushed into a fraternity one night, grabbed a freshman, treated him for laceration of the eyes and broken ribs and then bore him out of the house on a stretcher. Amazed, his fraternity brothers started an investigation, but the mystery was solved a half hour later when the frosh sheepishly returned, admitted he knew all about it beforehand, and stated that he had been carried to a Civilian Defense Office where a physician checked his bandages. It was all in fun, but leery upperclassmen are still considering the advisability of locking all doors.

The revised physical education program at Lehigh finds undergraduates eager to learn the proper methods of defense against jiu-jitsu attacks



Honored

Dead



George F. Glueck, '40

A Lieutenant in the United States Navy George Glueck was killed October 22 on the first day of the present action in the Solomons when a torpedo carrying dive bomber on which he was serving as bombardier failed to return from an assignment. It was duty not required of him as he was not in the air service, but it was typical of George to give his job that extra something that made his results just a little better.



Philip C. Cone, '42

Married only a few weeks before, Lieutenant Philip Cone lost his life late in July when a two motored bomber crashed into Tampa Bay while it was taking off from MacDill Field, Florida. Five other men in the plane with him were also killed in the crash. Lieutenant Cone had only recently been graduated from the Army Officers Training School at Fort Belvoir, Va.



E. Carlton Strickland, '41

Commissioned an Ensign in the United States Naval Reserve shortly after graduating from Lehigh, Carlton Strickland became a naval aviation combat pilot and was assigned to the Pacific area where in mid-summer he lost his life in aerial combat. Meager were the details of his final action, but his friends know he waged a courageous battle before the end came.



Thus far in this war twelve Lehigh men have given their lives in defense of our country, and many more have been reported missing. The three pictured above are the latest to make the sacrifice.

LEHIGH

A Big Mon

Lehigh A



The picture above shows Dr. Elmer C. Bratt, professor of economics at the University, as he spoke to the alumni of Lehigh, Lafayette, and Rutgers who attended the annual Middle Three dinner meeting of the Central New Jersey Lehigh Club held recently at the Trenton Country Club



Lehigh Home Club

Eager to entertain alumni who returned for the annual Home Coming celebration, members of the Bethlehem Lehigh Club again sponsored a pep meeting and smoker on the eve of the traditional battle with Lafayette. Held at the Bethlehem Club, the smoker attracted several hundred Lehigh alumni and friends anxious to chat about the game to be played on the morrow.

No definite program was arranged, but music was furnished by a trio of professional musicians. Most of the alumni and their guests seemed content to talk with each other, and later to partake of the dutch lunch.

This was the second of such meetings sponsored by the Home Club this

year because prior to the Muhlenberg game, another pep meeting was held, but this time the location was the Hotel Bethlehem. Feature of this meeting was the showing of the Rutgers football pictures. The commentary was made by assistant Coach George Ekaitis.

The Home Club is also planning to hold a dinner for Coach George Hoban and his football squad in the near future.

Philadelphia Lehigh Club

Lehigh spirit was high in the Quaker City Thursday evening November 19 when Head Coach George Hoban spoke to members of the Philadelphia Lehigh club at the thirtieth annual pre-Lafayette game meeting held at Bookbinders Restaurant. More than eighty alumni, and their guests attended the meeting, enjoyed a shore dinner, and then heard Coach Hoban review the past season.

George W. Hoban, '15, Lehigh's new football coach gives members of the Philadelphia Lehigh club a interesting review of 1942 gridiron clashes



Lehigh's new grid mentor impressed the alumni with his straightforward manner when he declared that the team was improving, but that it still had a long way to go. Coach Hoban made no promises, but he did urge the united support of all alumni. In conclusion, Hoban introduced his assistants George Ekaitis, Leo Prendergast, and Lou LaRosa, who were present at the dinner.

Short talks explaining the purpose of the Alumni Student Grant plan were given by Clifford F. Lincoln, '11, chairman of the grants collection committee, and Nevin E. Funk, '05, chairman of the grants committee. Both men emphasized the necessity of seeing the present plan through, and asked for the support of all alumni.

Chairman of the meeting was John Shipherd, '21, who introduced the various speakers. Secretary of the Philadelphia Lehigh Club, Moriz Bernstein, '96, reminded the alumni present that the club will celebrate its fiftieth anniversary January 22. Complete plans for the golden anniversary will be announced later, but Bernstein urged all present to attend.

for the umni Clubs



Pittsburgh Lehigh Club

Motion pictures of the Lehigh-Rutgers football game were shown at a meeting of the Pittsburgh Lehigh Club held Thursday evening November 19 at the University Club in Pittsburgh. So interesting were the pictures showing Lehigh's one sided victory over the Scarlet, that the alumni insisted on seeing them twice.

It was a real Lehigh party with many Pittsburgh alumni present for the occasion. Other entertainment features included bowling, beer, and a delicious lunch.

Northern Ohio Lehigh Club

Members of the Northern Ohio Lehigh Club met Saturday afternoon November 21 at the home of Steve Gray where they heard a play-by-play description of the Lehigh-Lafayette football game direct from the press box in Fisher Field.

Arranged by means of a special telephone hook-up with the press box, a complete description of the seventysixth successive game was heard while alumni sat in comfort with amber fluid and a dutch lunch within easy reach.



Above: Lehigh men were in the majority at the Central New Jersey Club's Middle Three dinner. Left: Members of the honored fifty year plus club, and other distinguished alumni who participated in the Home Club's smoker, one of the highlights of the annual Homecoming week-end

Western New York Club

Keenly interested in the outcome of the annual football game with Lafayette members of the Western New York Lehigh Club arranged for their own special telephone broadcast of the game and then met in the recreation room of Schreiber's Brewery in Buffalo where they enjoyed a dutch lunch.

Connected with a spotter located in the Lafayette press-box, the Buffalo alumni were given a word picture of what transpired on the playing field. This play-by-play broadcast has become an annual fixture with Northern New York alumni, and all Lehigh men in the vicinity who were unable to see the game were invited to attend.

Washington Lehigh Club

As the BULLETIN goes to press comes the announcement that the annual oyster roast of the Washington Lehigh Club was held December 4 at the Hamilton Hotel. Full details of the

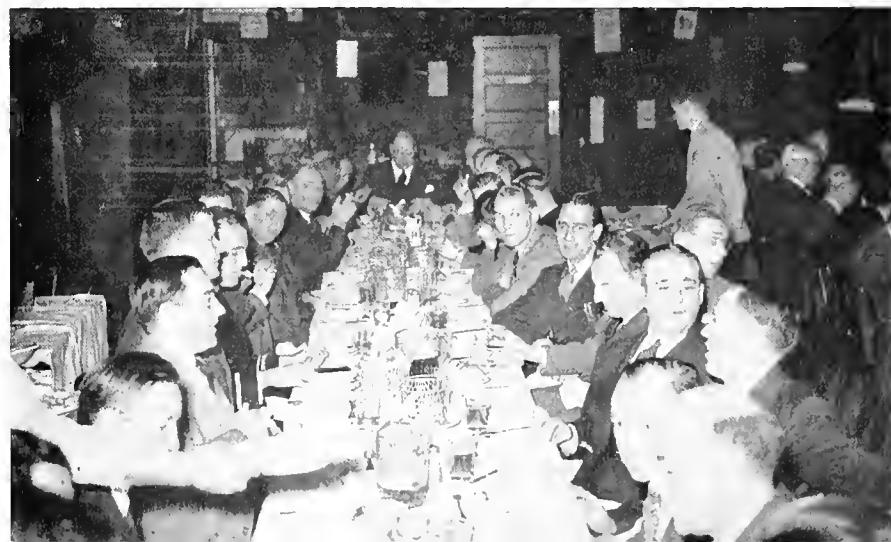
meeting will be published in the next issue of the magazine.

Central New Jersey Club

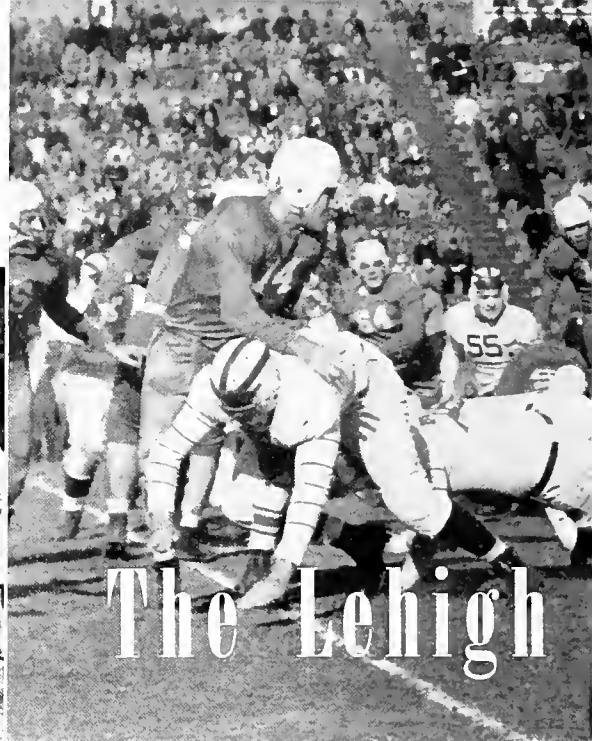
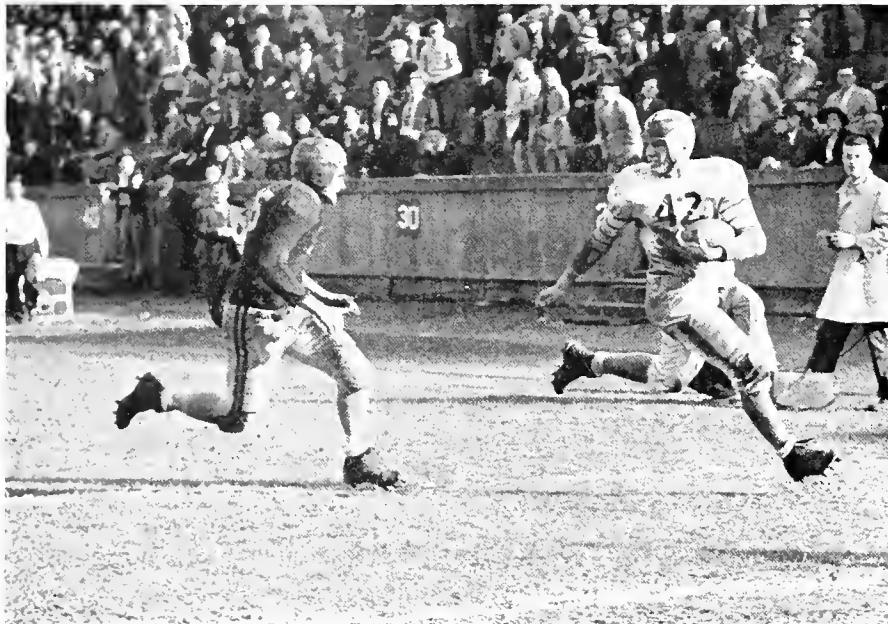
As announced in the November issue of the BULLETIN, Dr. Elmer C. Bratt, professor of economics, was one of the speakers at the annual Middle Three meeting sponsored by the Central New Jersey Club October 19. Held at the Trenton Country club this meeting attracted a large group of alumni from Lehigh, Lafayette, and Rutgers. All were eager to compare notes on the respective football squads, and all listened with interest while Dr. Bratt spoke on "Price Control."

Representing Lehigh at the speakers table was J. H. "Pop" Pennington, '97, genial president of the Central Jersey Alumni Club.

Some of the eighty alumni who enjoyed the annual shore dinner sponsored by the Philadelphia Lehigh club last month in honor of the grid coaches.



Spurred on by the cheers of a partisan houseparty crowd the Brown and White eleven unleashed its full offensive power to roll up 51 points against Hampden-Sydney. The picture shows fullback Stan Szymakowski scoring a touchdown on a twenty yard run after he had caught a short pass thrown by Captain Bernie Deehan, Lehigh's quarterback, late in the third quarter



A COLD, cloudy day filled with intermittent showers failed to hamper a frenzied crowd of 18,000 spectators as they witnessed a fighting Lehigh eleven come from behind to tie a powerful Lafayette team 7-7 in the seventy-sixth game of the ancient series played November 21 in Fisher stadium.

That the Engineers failed to win mattered little to Lehigh cohorts because they realized that for the first time since 1936 the Big Brown team had held its own against one of the great Maroon elevens produced by Coach E. E. Mylin. True, the Leopards dominated the play throughout most of the game, but when a score seemed imminent the Brown and White always dug in, and successfully repulsed all but one assault.

As a result of this stalemate with Lafayette, the George Hoban coached team finished the 1942 grid season with a record of five victories, two defeats, and one tie. Co-holder with Lafayette of the Middle Three grid crown, the Brown and White team this year compiled the best record since 1936 when a Harmeson coached team won six games and lost three.

This game, the third tie in seventy-six contests, started slowly, but mid-way in the first period the Lafayette power began rolling back the Lehigh defenders until the Leopards pierced deep into scoring territory as the quarter ended. With a first down on the Brown and

White five yard stripe, the Mylin coached team hurled three successive plays at the line, but each time the ball carrier was stopped at the line of scrimmage by Lehigh stalwarts. Realizing the futility of trying to gain through the line, Captain Nagle of Lafayette dropped back, fired a beautiful forward pass into the end zone where Ciemniecki, a team mate, leaped high into the air and caught it for a touchdown. Little Bill McKnight place kicked the extra point and Lafayette was out in front 7-0.

It was not until after this score that Lehigh's offensive began to click. The Engineers made threatening gestures after taking possession of the ball on

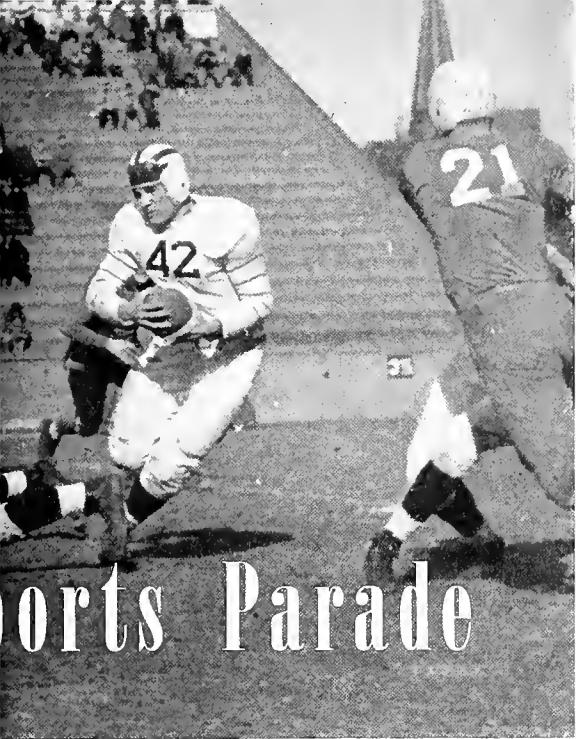
their own thirty-nine yard line, and promptly proceeded to march down the field to Lafayette's ten yard line before losing possession of the ball on downs. This advance was featured by the passing of sophomore halfback Herb Shoener who fired four successive aerials to Hal Shoener, his twin brother.

But it was not until the third period when Stan Szymakowski returned a punt to Lafayette's forty-five yard line that the Engineers started moving forward for a touchdown and immediately pounded out a first down on the Maroon's seventeen yard marker. The running attack halted, Shoener completed two passes to his brother, and Lehigh moved down to the six yard line.

A couple of running plays netted only two yards, and this gain was lost on a completed short pass far out to the right flank. With fourth down and

A big ground gainer for the Brown and White, Sophomore halfback Vincent Morawec is shown below as three Hampden-Sydney men try to bring him down.



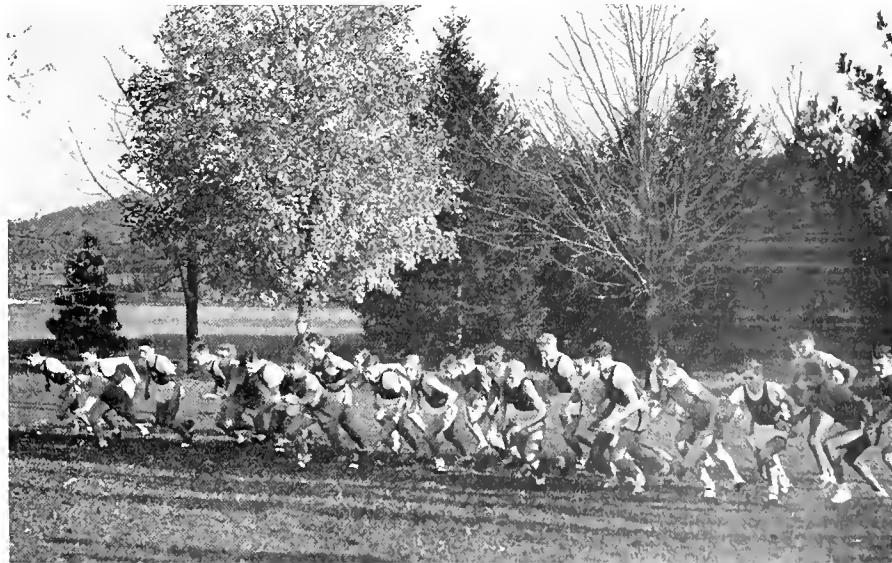


Sports Parade

five yards to go, the Shoener brothers again put on their aerial act when Herb faded, took a few steps to his right and then passed diagonally across the line of scrimmage to Hal, who made a fancy catch in the end zone. While Lehigh cohorts held their breath, Szymakowski calmly kicked the extra point, and the score was knotted.

Thereafter the tide of battle rolled up and down the somewhat soggy field until with only three minutes of play remaining the Leopard started clawing goalward. Going into the air Nagle rifled one to Ciemniecki on Lehigh's thirty yard line, and a few plays later completed another to Ciemniecki who was downed in his tracks on the one yard stripe as the game ended. For a moment the officials seemed to be confused as they previously had trouble with the electric clock. But after Lehigh had been called back twice when

Undefeated for two years in dual competition, the Harriers also won a triangular meet from Temple and West Chester, the start of which is shown below.



Left: Selected by sports writers as All-Pennsylvania fullback for 1942 Stan Szymakowski, Lehigh Junior, gets some excellent blocking as he picks up eighteen yards through a powerful Muhlenberg line. Below: Harry Arant, a Sophomore halfback, crashes through the Hampden-Sydney forward defenses for three yards and the Engineers second touchdown of the game



they started to leave the field, the officials finally agreed and dismissed both squads.

Lehigh, 7; Dickinson, 0

Held scoreless for almost four periods, the Brown and White unleashed a savage passing attack in the dying minutes to defeat the Red Devils of Dickinson 7-0. This was the final home game of the season and marked Lehigh's fifth successive victory of the season.

Dismayed because a powerful Engineer attack consistently faltered deep in enemy territory Lehigh fans had almost given up hope of victory when Dickinson took over the ball in their

own territory. The Red Devils, who played a valiant game all afternoon, were not content with a tie and took to the air in a desperate effort to defeat the Engineers. However, a pass from Doug Rehor, outstanding small college passer in the nation last year, went astray and was intercepted by Captain Deehan on his own forty eight yard line.

Retaliating with an aerial assault of its own, Lehigh was given a first down on Dickinson's twenty-four yard line when a Dickinson back interfered with Szymakowski as he was about to catch a long pass thrown by Deehan. On the next play Deehan electrified the crowd when he swept around his own right end to the nine yard stripe.

With only twenty-nine seconds of play remaining Deehan dropped back, fired a rifle like pass down the right sidelines to Vincent Moravec who fell over the goal line for a touchdown. So excited were the fans that they poured out of the stands and almost mobbed Moravec in their happiness. The extra point was converted by Szymakowski and the game ended on the next kickoff.

Lehigh, 22; Muhlenberg, 6

Defeated for the last five years by Muhlenberg, Lehigh's Engineers fought viciously November 7, repulsed all Cardinal attacks, and tallied 22 points to score its fourth successive victory of the current season. This game was

the thirty-second in a long series, and was Lehigh's twenty-first victory over the Allentown college.

Lehigh's first score came midway in the opening period, when the team marched from the visitors' forty yard line down to the three yard stripe. This advance featured a twenty yard run by Deehan. With a score in sight Szymakowski plunged to the one yard line, and on the next play Shoener went over for the score. Szymakowski's placement kick was good, and the Engineers led 7-0.

The first period ended with Lehigh in possession of the ball on the two yard line, however after the resumption of play Shoener lost three yards on a bad pass from center. But the Engineers were not to be denied and on the next play Captain Deehan skirted wide around his own right end and aided by hard blocking went over for the second touchdown. The extra point attempt was blocked.

Aroused by these quick scores the Mules took to the air and moved down to Lehigh's twenty two yard line before losing the ball. An instant later the Mules recovered possession of the ball when Shoener fumbled and Gorgone recovered. The Mules, unable to pierce Lehigh's forward wall, went to the air and a third down pass Bossick to Bibegaus was completed for a touchdown. Dick Shafer, Lehigh center, crashed through and blocked the extra point attempt.

Both teams were scoreless in the third period, but Lehigh threatened to score several times only to be repulsed by the hard hitting Mule backs. However, the Brown and White was not to be denied and early in the fourth period Shoener went through tackle from the two yard line to score Lehigh's third touchdown. Szymakowski's placement kick was good.

After the kick-off Muhlenberg started mixing rifle like passes with an occasional ground play and moved down to Lehigh's forty-four yard line where Dick Shafer intercepted a pass and returned it fifty yards to the Mules ten yard stripe. Szymakowski hit through tackle and picked up five yards, but on the next play Shoener's fumble was recovered by the visitors. However, Lehigh was threatening to score again a few minutes later when Shafer intercepted another aerial, and this time returned to the fifteen yard line.

Three plays gained nine yards but on the fourth down the Mules held and took possession of the ball. On the

first play Bud Bossick, Muhlenberg ace, ran into the end zone trying to spot a receiver for his pass, but he was tackled by Harry Arant before he could throw the ball, and Lehigh was credited with a safety.

Lehigh, 51; Hampden-Sydney, 6

Feature of Houseparty week-end, a intersectional clash between the Engineers and a scrappy eleven from Hampden Sydney turned into a rout as the Brown and White rolled up its highest score since 1928 when St. Johns College was the victim.

The touchdown parade was slow to get rolling, but once it started it gained momentum and never stopped until the final whistle blew. Despite the margin of difference in the score the Virginians waged a valiant but futile battle against a superior Lehigh team. The first score came early in the opening period when a Garnet fumble was recovered on the thirty-four yard line. Using only ground plays Lehigh with Arant, Szymakowski, Moravec and Deehan alternating in carrying the ball moved down the field to the three yard line from where Arant went off right tackle for the score.

But the visitors came right back, took to the air and on a beautiful forward pass, and lateral play crossed the Lehigh goal line to knot the count. Stung by this score the Engineers roared back, and from then on the Virginians never threatened.

Immediately after the next kick-off Lehigh marched sixty-five yards to the visitors nineteen yard line from where Herb Shoener sliced inside tackle, reversed his field and dashed unmolested over the goal line. Five plays later the Engineers scored again when Szymakowski taking the ball on the Virginians twenty-four yard line crashed through left tackle, cut back to the right, and aided by excellent blocking went the remaining distance.

Only minutes remained in the second period, but there was still time enough for Lehigh to score two more touchdowns; one on a thirty yard run back of a pass interception by Vincent Moravec, and the other on a thirty yard pass from Szymakowski to Fred Attaway in the end zone. The half ended with the score 31-6.

Two more touchdowns were added in the third period when Deehan passed twenty yards to Szymakowski who stepped over the end zone for the score. Several minutes later Lehigh again took to the air but this time Dee-



Coached by veteran Billy Sheridan the Brown and White season, but it did defeat Rutgers 3-1 and Lafayette Middle Three championship for the first

han passed to Moravec for the score. A team comprised almost entirely of freshmen played the last period, but still the visitors were unable to hold and near the end of the game Malcolm Crowther crashed over for the final score.

Lehigh, 28; Rutgers, 10

Any doubt of the fighting ability of this years football team was removed Saturday October 24 when a highly favored Rutgers eleven invaded Taylor stadium confident of an easy victory over their traditional foe. But the visitors had underestimated this Engineer eleven because at the end of sixty minutes of hard football they were glad to admit defeat. This was the first gridiron victory for Lehigh over Rutgers since 1936 and the second since 1926. Naturally, there was a wild celebration on South Mountain, and every player who participated in this upset victory came in for his share of praise.

The Scarlet received the first break when Herb Shoener fumbled on the second play following the kick-off. Unable to pierce Lehigh's forward wall Rutgers kicked a field goal and led 3-0 in the first two minutes of play. But the spectators had hardly settled back in their seats before Stan Szymakowski knotted the count with a field goal from the seventeen yard stripe.

After an exchange of punts Rutgers, deep in its own territory, attempted to pass, but the ball was intercepted by Vincent Moravec on the visitors twenty-one yard line. Three plays failed to gain so Szymakowski again dropped



The soccer team failed to win many games this season to gain undisputed possession of the traditional years. The varsity squad is pictured above

back and this time split the uprights from the thirty-one yard marker.

In the second period the Brown and White attack continued to function and paced by Harry Arant, Moravec, and Captain Deehan the team moved to the eight yard line from where Arant plunged over for the score. Szymakowski converted the extra point.

After the resumption of hostilities Lehigh took the ball, clicked off three first downs and moved to the fifteen yard line where the attack bogged down. Unconcerned Szymakowski again dropped back and kicked his third field goal of the afternoon from the twenty-eight yard stripe. A few plays later Lehigh took possession of the ball again when a fourth down attempted punt by Rutgers failed. Szymakowski plunged over on the second play but failed to convert the extra point.

Content with this lead Coach Hoban inserted some of his reserves, and for the first time the Scarlet attack started moving. Taking to the air Rutgers scored its lone touchdown when Forbes caught a short pass and ran seventy-one yards for a touchdown. The extra point attempt was good.

The game then turned into a kicking dual, but in the last period Rutgers made the mistake of kicking directly to Deehan who aided by some exceptional blocking raced fifty-two yards down the field for the final touchdown.

So outstanding was the play of Szymakowski in this game that he was awarded the Maxwell Memorial Club certificate for being the outstanding

player in the east on that particular Saturday. The Lehigh fullback, and Coach Hoban attended a luncheon meeting of the club in Philadelphia the following week, and at this time Szymakowski received his award. This is the first time in the history of the University that a Lehigh player has been so honored.

Lehigh, 13; P. M. C., 0

Victory starved Lehigh football fans received their first taste of triumph since 1940 on Saturday October 17 when the Brown and White eleven playing in torrents of rain defeated the Cadets of Pennsylvania Military College 13-0.

Long before the game started the gridiron was a quagmire of mud but 1000 loyal fans, huddled in Taylor Stadium, disregarded the rain and cheered lustily early in the opening period when Captain Bernie Deehan took the ball on his own thirty yard line, splashed around right end and with perfect down field blocking to aid him dashed seventy yards for a touchdown. Herb Shoener's plunge for the extra point was just short of the last white stripe.

In the second period after several exchange of kicks the Brown and White forced the Cadets back when Szymakowski's kick rolled out of bounds on the six yard line. Deehan returned a P. M. C. punt to the visitors twenty-nine yard stripe, and in three plays the Engineers moved to the nineteen yard marker where a fifteen yard penalty was imposed on Lehigh. Undaunted Lehigh took to the air and advanced to the four yard line when Deehan passed to Szymakowski on the twenty-five yard line. The latter reached the four yard line before he was stopped by the Cadet's secondary. A fumble by Shoener returned the ball to the eight yard line, but on the next play Deehan again skirted his end and went all the way. Shoener plunged for the extra point and that ended the scoring for the day.

Cross-Country

Winner of the Middle Three title, undefeated in two seasons of dual competition, and runner-up in the Middle Atlantic States Collegiate Athletic Association run—that's the record established to date by Lehigh's Brown and White Harriers coached by James A. Gordon.

Host to the Middle Atlantic meet on November 7, the Engineer team made

a creditable showing when it placed second to Franklin and Marshall college. Six schools were represented in this meet which was held at the Saucon Valley Country club, but the Blue and White of F. & M. won the team trophy with 48 points, while Lehigh placed second with 57. Other teams and their scores were Rutgers, 63; Muhlenberg, 83; Alfred, 100; and Swarthmore, 157.

The Brown and White harriers annexed their second successive Middle Three title when they defeated the Scarlet of Rutgers 25-30 in a close meet. Lafayette, the other member of the trio, abandoned the sport for the duration and thus this meet decided the championship. Outstanding runners were Fred Wiley, a sophomore, and Bill Hardy, a freshman, who ran the four and one-tenth mile course in a dead heat to give Lehigh valuable points.

In a triangular meet with Temple University and West Chester State Teachers College held on the home course, the Engineers scored 36 points to win the race. West Chester with a veteran team, placed second with 41 points while Temple finished last with 49 points.

Soccer

While the Lehigh soccer team coached by Billy Sheridan did not win many games this season, the Brown and White booters did defeat Rutgers and Lafayette to win the Middle Three championship. The first of these traditional feuds found the Engineers entertaining the Scarlet in a game played on the North Bethlehem field.

The Brown and White took an early lead in the first period when Art Over, dashing center forward, kicked one through the goal, but Rutgers came back and evened the count before the half ended. However, Lehigh resumed the lead in the third period when Phil Berg, inside right, converted a penalty kick. A few minutes later Ken Swayne, inside left, drew the goalie out of position, and kicked the goal which gave the Sheridan coached team a 3-1 lead.

The booters clinched the title a few weeks later when they traveled to Easton and defeated Lafayette 3-0. Using a short, but accurate passing game, Lehigh's soccermen counted twice in the opening period and once in the second quarter. Lafayette threatened to score several times, but the Brown and White goalie Seigle made several nice saves.

FOLLOWING THE Lives OF LEHIGH MEN

CLASS OF 1886

E. S. Stackhouse, Correspondent
111 Park Ave., Greenwich, Conn.

There have been three honorary degrees awarded to 1886 men by Lehigh University:

In 1916 Mark Howe was given the Honorary degree of Doctor of Literature. He has lived in Boston since graduation where he resides at 16 Louisburg Square.

In the early days Mark was editor of *The Youth's Companion* and various other publications and has been closely associated with the civic, art, musical, social and literary activities of the Hub city where he occupies an enviable position among the elite, not only of Boston, but of the English speaking world. He has written and published a goodly number of books. His writings do not run toward the profuse, but rather towards the excellent; quality, not quantity. They run largely towards the historical, the biographical, the philosophical, the poetical, and the unique position that Mark fills in the literary world of our time will be hard to fill by the newer generation.

Mark's autobiography, "A Venture in Remembrance", came out about two years ago, and nothing could better reveal the fine and splendid qualities which Mark is too apt to try to hide under a bushel. Here are revealed with light and delicate touches—subtle humor, a wide experience and acquaintanceship, an insight into a rare and choice spirit. I would say that Mark has endowed our generation with some of those intangible verities which almost unconsciously tend to draw us up to a plane "A little lower than the angels."

Henry G. Reist was given the honorary degree of Doctor of Engineering in 1922. Reist went with the General Electric Co. to Schenectady shortly after graduation and entered with enthusiasm into their department of the design of Alternating Current machinery, where, for many years, he broke new ground and developed new principles and new designs for a type of electric machinery which has placed the name of General Electric at the top in all the world. Reist retired some years ago to his farm at 1166 Avon Road, Schenectady, where he died July 7, 1942.

Curtis H. Veeder was given the Honorary degree of Doctor of Engineering two years ago. Veeder went to Hartford, Conn. at an early day and engaged in the manufacture of cyclometers and other small parts for bicycles before the days of automobiles. The business developed into the making of testing, timing and recording instruments and precision tools of a wide variety of uses and has been conducted for many years under the name of "Veeder-Root, Inc."

Veeder has, through all these years, been for his firm one of the leading designers and inventors of small tools and processes in the country. He has perfected literally hundreds of fine and delicate pieces of machinery and intricate processes, many of which have been patented, and which have served to keep his company well out in front in their line of business. The conferring upon him by Lehigh of an honorary degree is a tribute well deserved and reflects honor also upon his Alma Mater.

Veeder lives in a charming home at 1 Elizabeth Street, Hartford, but his beautiful park full of priceless old elms and other trees, was wrecked four years ago by the hurricane which

leveled over four hundred of his trees.

As to the writer very little need be said. For many years he operated the old family Anthracite Coal property at Shickshinny, Pa., and has now retired and is living in Greenwich, Conn.

It is significant that of the eight original men from 1886 who, with Dr. Edward H. Williams, Jr. and Irving Heikes of 1885 organized the Tau Beta Pi Honorary society in the fall of 1885, four are still living—Dean, Grossart, Harwi and Stackhouse.

CLASS OF 1889

George W. Harris, Correspondent
12 Holland Terrace, Montclair, N. J.

In turning over the pages of this issue of the BULLETIN, should Lehigh men note the picture of "Billy" Cornelius, in the '89 column, there would be no need for an introduction—to Lehigh men—of our Permanent Class Secretary. "Billy" has recently been appointed, by the Bethlehem Steel Corporation, to a position in the, "Supervision Termination Control Department, Employment Office", to assist in the Bethlehem Steel's labor matters, utilizing Corny's long experience in "steel". In addition, "Billy" retains his office on the Campus, No. 301 Lehigh Library, and his position as Archivist; he makes a brief call at his Campus office at noon and also on his way home at the close of his day's work. He writes: "I get my mail quickest at the Bethlehem, Pa., Post Office, Box No. 483, as I stop there on my way to work and again on my way home at the day's close.

A former close friend of "Billy's" wrote: "I am glad to hear you are going to be able to maintain your contacts with Lehigh in addition to working at the Steel Corporation and feel that you should also have the title, 'Coordinator of Town and Gown,' because of this



"Billy" Cornelius, '89

unusual capacity". Knowing that "Billy's" life work has been in "Steel", a classmate wrote: "We are like old horses that have spent

their years in the Fire Department, champ to hear the bell ring and start out as in the days gone by."

Lambert F. Chapman wrote on the 26th of October 1942, of the death of our classmate, Ernest H. DuVivier, on October 18, '42 at his home in Stratford, Conn. He is survived by his widow, Ethel M. DuVivier. Continuing he wrote, "About thirty years ago, when I was in the real estate business, I sold him (DuVivier) his home in Stratford, Conn. with riparian rights on the Housitanic River which gave him an anchorage for his 50-foot motor boat which he was navigating at that time". DuVivier maintained an office at 30 Church Street, New York City for years.

On October 22, 1942 a cheerful note from Sylvanus E. Lambert of Pasadena, California reads as follows: "We spent last week at our mountain cabin, where we have just installed an electric hot water heater and an electric range. The conditions there were perfect and we were comfortably cool. But when we came down the hill we found the temperature in the valley was 95. All is well with the Lehigh gang in Southern California".

BULLETIN record states:

Mail to:

Chapman, L. F., 700 Riverside Drive, New York City.

Howe, W. E., Howe & Prout, 1016 Turk's Head Building, Providence, Rhode Island.

Stewart, Col. J., Fidelity-Philadelphia Trust Co., 135 South Broad Street, Philadelphia, Pa.

Admitting the seriousness of the present hectic times, nevertheless, I see every reason for still keeping a firm grip on our well established sense of humor—for, as Arch Johnston once quoted in his Founder's Day address: "The man worthwhile is the man who can smile when everything goes dead wrong". See Arch for original source of quotation. Now—as advance greeting—it might be in order to cordially wish all classmates a Very Merry Christmas and a Most Happy New Year of 1943.

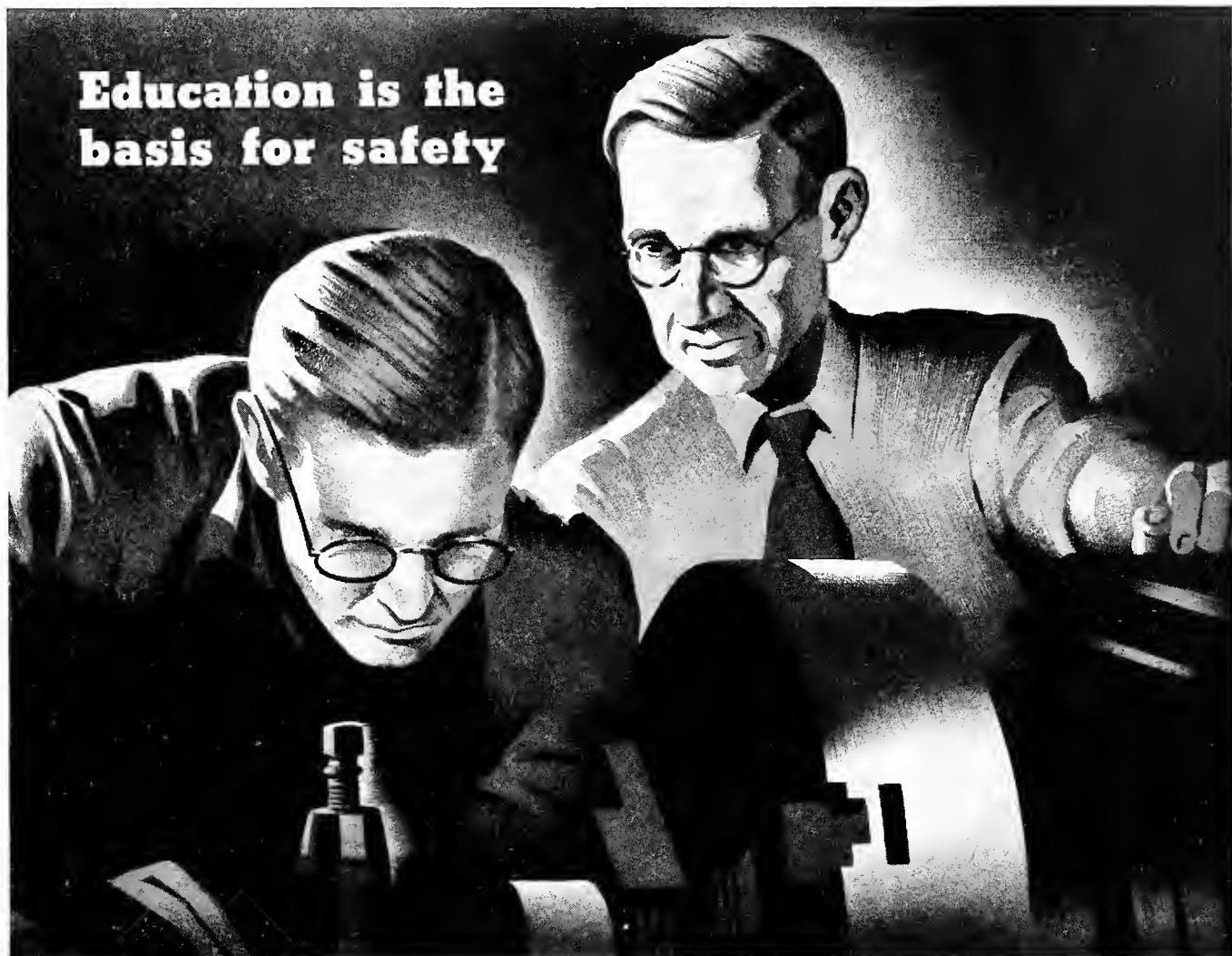
CLASS OF 1890

H. A. Foering, Correspondent
Bethlehem Trust Bldg., Bethlehem, Pa.

As your representative on the Council of Class Agents, we must admit our great disappointment in both the number making contributions to the Alumni Association requests for contributions and the amount contributed during the year ending July 1, 1942. We are most hopeful, however, that there will be a better response this year. It is not necessary to give until it hurts. It is only necessary to give to express our gratitude for what Lehigh has done for everyone of us, which should be a great pleasure. Remember, these contributions are annual and we are now asking for payments for the year beginning July 1, 1942. Thus far, four contributions have been made. How we wish it could be 100 per cent of our surviving members for the present year, for Alumni dues, BULLETIN, grants, and income, all which have been explained to you in letters many times over.

This is being written on the 6th of November, but by the time you read this, the football season shall have been completed, and it is my prediction that the season will prove to be one of the most successful in many, many years, and that the results will bring joy and gladness to the heart of all of us.

There have been many favorable comments received regarding the football articles in the October BULLETIN. Pratt, one of the live wires of '90, has written me a long letter showing that these articles brought him great pleasure and awakened cherished dormant memories. He says he was at Ulrich's Prep School in Bethlehem, in Richard Harding Davis' last year at Lehigh, and well recalls his "made in London" swanky clothes with turned-up trousers (cuffs not yet customary) on view of which we always said, "It must be raining in London". He adds further on: "that picture of old Detweiler and the first teams took the cake, and Davis' mention of my chum Martin and 'walker' Coates and Warriner came right home to me. Martin and Coates were centers on our Class of '90 team on which I played left end and substitute on the varsity team. The game that Davis mentions at Princeton found me playing opposite the most cruel Irishman that ever lined up, Donnelly. And, when he had me nearly



Information supplied by the National Safety Council

Labor, particularly inexperienced labor, cannot be expected to recognize the full penalties of carelessness in the shop. Management has assumed the responsibility of supervising safety measures, and has cooperated in establishing sound safety rules.

Nevertheless, the large increase in labor personnel due to war needs, plus the influx of inexperienced men, have resulted in a substantial increase in lost time accidents.

Even assuming that the obvious safety measures with regard to operating machinery, electrical equip-

ment and shop traffic have been installed, two factors — education and eternal vigilance — determine the real effectiveness of any safety program.

Both are the responsibility of the supervisory staff, from foremen up. The foreman who does a thorough job of educating his particular group in safety rules and cooperative enforcement has done much to cut down accidents. Management that takes an active interest in both safety education and the enforcement of safety measures has taken a great step forward in reducing wastage of irreplaceable production time.

CLIMAX FURNISHES AUTHORITATIVE ENGINEERING DATA ON MOLYBDENUM APPLICATIONS.
MOLYBDIC OXIDE—BRIQUETTED OR CANNED • FERROMOLYBDENUM • "CALCIUM MOLYBDATE"

Climax Molybdenum Company
500 Fifth Avenue • New York City

'buffaloed' by his choking tactics, I still glory in the fact that (accidently or otherwise) I jerked my elbow up so hard that it nearly cut off his tongue."

"Well those were great days and I had lots of fun on the gridiron, Lacrosse (with dear old Reese, '89, Captain, who left so much to Lehigh), and especially on the track teams."

CLASS OF 1891

*Walton Forstall, Correspondent
Ithan Avenue, Rosemont, Pa.*

When these lines are read, it will be mid-December. Foothall will be over with perhaps a Lafayette defeat for remembrance. Maybe you came to Bethlehem for the pre-game rally as a 50-Year Plus, and your correspondent hopes he is to see you there.

Recent Vassar data arriving through a daughter, are \$66,800 contributed in 1941-42 by 2,481 life members and 3,771 annual givers, or 62 percent of graduates.

CLASS OF 1892

*H. H. Davis, Correspondent
132 Liberty St., Newtown, Pa.*

I do not have much to report as my effort to get the members of my class to write to me and to name as many of those shown in the picture of our reunion of 20 years ago.

I do get in touch with Bob Kitchel and he gives me some information from the ones he hears from, when there is any to pass on.

I guess many of our class have children who have been drafted and their interest is engrossed in their personal affairs, and war conditions, which latter have upset our regular routine of life.

I hope, wherever you may be, that you all keep well, in spite of the extraordinary conditions we are going through.

In the towns and cities you all live in, the draft is having the effect of removing many familiar faces which we miss at home and from various neighborhoods.

CLASS OF 1894

*Theodore G. Empie, Correspondent
P. O. Box 772, Wilmington, N. C.*

The news of the Class is what Ayars '96 said he had in his last letter: exactly the same in June as in September, and he could write his Class Letter at any time.

Incidentally, there seemed to have been an uprising among the Correspondents about lack of news. Forstall '91 devoted his letter to the view on a beautiful Canadian Lake and suggestions to send your check to the BULLETIN and ask for "some class news."

Pennington '97 made the same cry. One

thing in Ayars' letter I was happy to read and that was his indignation as to not receiving answers to his letters. I have had the same experience and I like it perhaps less than he does. I have written many letters to Sportsmen on various topics and many of these individuals being new to me, and without an exception, I have always received prompt and courteous answers and it seems that if you thought enough of your Classmate to write him after some forty or fifty years, he might take time to acknowledge it. Some of us have too much sentimentality as well as sentiment, I can perhaps plead guilty on both accounts but I am ashamed of neither. I have seen quite a few men without either and their rating was not too high.

Some of you guys had better write me or I will black mail you and thus start a lively letter.

CLASS OF 1896

*W. S. Ayars, Correspondent
269 Leonia Ave., Leonia, N. J.*

This is the evening of the 28th day of October, 1942, a date of some importance in my life on this sorry old planet, and there was quite a lot of mail. Most of it was decidedly personal; but there was also a letter from the BULLETIN, warning me that this column was due on or before the 10th day of November. Note that "before". That suggested to me the old motto that busy executives used to stick over their desks: "DO IT NOW!" I need not tell you that I have very little to write about: that surely is not news.

Enclosed in this letter were two slips of paper: one informs me that the present address of Bartholomew, G. W. P., is Rensselaer Road, Essex Fells, N. J. The other states that Flory, C. B., is N-Y Mgr., Trenite Corp., 227 Fulton St., New York, and his residence is on New Vernon Road, Green Village, N. J.

Recently I had a very good letter from Bob Laramy, but it was not written for publication *in toto*. He mentioned stopping off recently at Buck Ayers' farm near Westerly; but Buck had gone off to Springfield for a few days, so Bob did not see him. Bob also writes:

"We had stopped a bit in the old town of Guilford, Conn., and visited the 'Oldest Stone House in America, 1639.' At the 30th anniversary celebration in 1939, a book had been published, made entirely with respect to text print and illustrations by one man, an artist. He wrote the words, printed each page of the text and drew the illustrations. The book was printed entirely from plates made by his own hand work. I brought a copy along for the Lehigh Library.

"Recently at the Alumni Office I checked on

'96 relations with them thus far this year. Thirteen are Life Members; seven have paid dues; fourteen take the BULLETIN; six had made cash gifts this year. Twenty-six men were represented one way or another. . . I was told this morning that Miles Orth had been in on Saturday. No doubt he was up to see Miles Jr. and to take in the Rutgers game. Lehigh is picking up in football. . . A recent *Brown and White* carried a picture of my presentation of a framed photo of the original *Brown and White* Board (which we reproduce here). The signature of each member was on the picture. Despite all my journeying about, the picture was in fine shape and in no way faded. Eggert did good work. . . I know little about other '96 men. Dufour still has his name in the Bethlehem 'phone book. . . but Duf away. Our Red Cross Headquarters neighbors 'Skinny' Baldwin's place, and I see him occasionally over the 'phone. He raised no wheat last year; is busy at Bethlehem Steel. Joe Thurston visited recently, but while I was in R. I."

That, I believe, is about as much of Bob's letter as I ought to quote. The thing in it that struck me the hardest was the very poor and shabby showing of '96 as Alumoi: "twenty-six men were represented one way or another". . . The last time I checked over my list, there were some 70-odd living men who called themselves members of '96. So about one-third of them are "represented one way or another"! And this precious column of mine is thus, presumably, read by some fourteen men, and only a mere seven have paid dues. It may be that a few of you slackers are honestly a bit pinched financially; but I am mighty sure that the two thirds who haven't done anything are solvent, by a big majority. It makes me begin to doubt that '96 is "the best class ever", etc. If you who can and won't aren't ashamed of yourselves, you mighty well ought to be. I am a poor salesman and a poorer bill collector, so I won't use any more space on this topic. I suppose that any man who can't spend ten minutes of his time once a year writing a few lines to his class correspondent certainly will not bother to write a small check and send it to the Alumni Office.

Recently I have heard from Cully Daboll, Rosie Thorn and Morris Pool. They are all well but do not write for reproduction in this staid and proper journal, so will not be quoted. Morris, by the way, was quite peeved because I did not mention his presence at the BEYC dinner in Bethlehem last June; and I hereby apologize very humbly. However, I did drive him back to New York, which made partial amends, I hope.

CLASS OF 1897

*J. H. Pennington, Correspondent
P. O. Box 159, Trenton, N. J.*

Being either too stupid or too lazy, I never acquired the sissified art of using a typewriter, like Bill Ayars. Bill's more recent letters to me indicate that he also has returned to the more manly practice of writing scripts. So, I conclude that his salvation is not hopeless.

Well, returning to my penmanship—it must be awful—I find that the October BULLETIN gives me credit for an expression which I never in the present state of refinement in which I find myself, thought of using. The BULLETIN Goddess has me saying "grist that comes to my BULLETIN column swill". The word "swill" should be "mill", as every girl living in Bethlehem and its environs should know. Yet, "swill" may be the proper word. A lot of you fellows doubtless think so, and I am sure that my friends of '96 and '98 do think so. And above all, most of the time, I think so. Therefore, I can only congratulate the young lady on her perspicacity and her courage in expressing her honest opinion of my literary effort. Yet, I'll try to improve my writing, and see how far that will get me.

Do you know that Harry Ruthhart, the vendor of peanuts and other monkey feed at the gate of the athletic field, on game days? Harry has been there for forty years after our time, but before that, long, long before that of our sons. Well, Harry knew me the other day, and called me "Pop", though I believe that I had never spoken to him before. That did me as much good as our winning the game with Muhlenberg. Harry told me that the first track at Lehigh was directly in front



Bob Laramy, '96, presents photo of first Brown and White Staff to student editors



ANTHRACITE

Fills The Breach In The Ranks

Many months ago, when it first appeared that the Eastern Seaboard might face a shortage of fuel oil, the Anthracite Coal Industry began to make preparations to meet the emergency *before* it arrived. All production and distribution facilities were placed in readiness.

When, after repeated warnings from the Government, the public finally realized that the fuel oil shortage was *here*, the big switch to Anthracite started. Homes by the thousands were converted from oil to coal heat.

Anthracite is successfully *filling the breach in the ranks!* In spite of limitations in manpower and transportation, production and distribution of Anthracite coal is keeping pace with the soaring demand. It is estimated that more than 10,000,000

additional tons will have been produced and delivered by the end of the year.

The OLD COMPANY, through its great network of dealers, is supplying more homes than ever before in its history. And, because OLD COMPANY'S Anthracite is the hardest of hard coal, these homes will have *more* heat from *less* coal.



LEHIGH NAVIGATION COAL COMPANY INCORPORATED

The Old Company



Main Office:
FIDELITY-PHILA. TRUST BLDG.
PHILADELPHIA, PA.

of the institution, on the North side of Packer Avenue, where they now have a sidewalk. This track was used for foot-racing and for bicycle racing, the high wheel type. "Safeties were not known in those days, and "headers" were frequent. This was before 1890 and if things had gone well, Harry would have graduated with '92.

Unexpectedly, we pick up historic facts, years after we should have known them. Dr. Williams pointed out to Baldwin, Clagett, and me, last summer, the old roadbed of the branch of the Lehigh Valley R. R. which delivered the stone for building Packer Hall, and which fed the old sawmill, where the flagpole now stands. You and I walked over this hundreds of times and did not recognize holy ground when we saw it.

P.S. The band now has five sousaphones and two bass drums.

CLASS OF 1898

*David H. Childs, Correspondent
234 Saranac Ave., Buffalo, N. Y.*

A few days ago, sensing the approach of the dead-line for this letter, I sent out a call for help. And here it is. "Roots" Daggett writes: "Here at Clemeda we keep very busy and very happy. This morning I was sawing wood when your card came. We are equipped to burn fuel oil only and our ration allowance has not yet been given us, so we are preparing to burn more wood in the fire place and kitchen stove than usual.

"The gunners are now hunting very close to our house, and since a little boy was shot near here some years ago it bothers us a little, so I am afraid to go out even on our own land.

"Isn't it time to begin to agitate our Forty Fifth Reunion? Time flies awfully fast at our age, and next June will be here before we realize it".

Right you are, Daggett, it's high time we think about that little old college on South Mountain, and make plans to see it again in June. And don't let anybody tell you we are too busy. If follows our age can not take two or three days off every five years to renew our youth—I'm busy myself, in war work, but I'll do a better job if I get away from it at that time. So pick out some classmate you would like to see there and make it your business to get him there. If you don't know his address ask me. And if it would help to get him there, get two or three others to back up your letters. *That reunion can be just what you make it.*

And here's a letter from Mike Gunsolus, who is busy as ever. He was active in the recent election, is filling a job in Civilian Defense,—after the regular thing of finger printing and his face put on record via photography,—and sometimes does a little work for his employers, the plant being largely on war work.

Mike writes that he is planning to be with us next June. That makes three of us. Who is the next youngster who will hold up his hand and be counted with those looking forward to the event? Don't wait to be invited; drop me a postal saying, "Count me in".

CLASS OF 1899

*Arthur W. Klein, Correspondent
43 Wall St., Bethlehem, Pa.*

There is no news whatever concerning the members of this class. As I was leaving the stadium on the afternoon of the football game with Hampden-Sidney, during which we trounced our opponents to the tune of 51-6, I saw Gene Grace. He smiled and said: "Hello, Pop! This is like old times." I think we all agree with him.

Speaking of football, Lehigh has a fighting team this fall, largely due to the excellence of our new coach, George Hoban, Lehigh '15. In the opening game with Yale and the first under our new coach, the score at the end of the first half was 6-6. The only other game we have lost this season was the one with Penn State, in which we scored first with a field goal. Penn State had a hard job getting over her first touchdown. All of which indicates the chances against Lafayette are at least 50-50 and probably better; So I hope to see a good many of you '99 men at that game.

CLASS OF 1904

*J. L. Beaver, Correspondent
403 High St., Bethlehem, Pa.*

I have received a splendid response to my letters asking for news this month, as you will see from the three items below.

(1) In a long letter from Lebanon, Ohio, Ray Herrick writes that he retired ten years ago; but now, with other first-class mining sharks, he has dusted off the old pick and shovel and is hunting the hills of Ohio for tin for Uncle Sam.

(2) "There is nothing much to write; it is a case of nothing but work and sleep seven days a week to hurry the production of synthetic rubber. Naturally, I have no war record to write about but have a son, a Lieutenant in the air corps, and a son-in-law who is an officer cadet in the chemical warfare division. This with a wife who is a war bond orator and a son-in-law who is production manager of the aircraft tube division of one of the Aluminum Company of America plants accounts for our entire family's war effort."

(3) I quote from a very interesting and newsy letter from Frank Sinn.

"I am still alive and hope to hold out as long as my feet and legs hold out. You might also tell them for me that Oklahoma is one of the most remarkable states in the Union—it has more rivers and less water, more cows and less milk, and you can see farther here, and see less than in any state in the Union. I don't think many from Oklahoma will read the Class of 1904 notes and so I probably will not be murdered for this statement.

"Please give my regards to the Class and tell them I regret I cannot carry on with the Class Agent Job, but that it is out of the question—no personal stenographic services and too busy anyway. Someone not in the war production game should do this job for the class and I have so written Arthur Mack. Give my regards to all.

As ever,
FRANK SINN

"P.S. My congratulations to George Hoban on beating Rutgers."

CLASS OF 1906

*N. G. Smith, Correspondent
Fort Pitt Bridge Works, Pittsburgh, Pa.*

That was a mighty fine report that Geo. Hoban, L. U. '15, our football coach, sent to the ALUMNI about Nov. 1.

More interesting than the now-common Presidential fire-side chat, George begins with admitting that he had to start out as a stranger to the squad but there's an undercurrent of honesty and candor and realization of what LEHIGH really needs to build up a successful and consistent Varsity team. I think Hoban has found it. Nothing bombastic or dreamy-eyed about his remarks or predictions of LEHIGH'S football destiny present or future!

With a rock-bottom foundation basis that Lehigh's football prospects can't go lower than the abysmal depth of the past twenty years, he gives us the hope that LEHIGH'S football destiny must climb after all the deflation of two decades. His description of what Stan Szymkowski's power means to this year's team is significant only by the underlying premise that the other 10 men are the reason behind that success.

Stan's last name makes us think of Shine Kirk's ('05) *Saturday Evening Post*'s stories of Valley Tech and his inimitable descriptions of his heroes of unpronounceable names who starred around the steel mills and blast furnaces that Shine knew so well.

CLASS OF 1909

*D. M. Petty, Correspondent
1902 Paul Ave., Bethlehem, Pa.*

In the November notes I urged you to reply to the circular letter of Jim Pierce. Apparently a few of you have done this, but, as a whole, we are considerably behind the average. Let me again urge you to send in your subscriptions to the ALUMNI BULLETIN and pay your Alumni dues, and, if you have anything left over, make some kind of a contribution to Lehigh and/or the Alumni Student Grants.

This appeal is doubly important now because the new draft law will undoubtedly considerably reduce the enrollment of new students at Lehigh and will probably take away a number of the old students. This will materially reduce the income of the University and, while unquestionably a number of the younger instructors will also be taken, the operating expenses of the University cannot be reduced in the same proportion as its income will be re-

duced. Therefore, get your subscriptions in now and write it off against your income tax.

I had the pleasure of calling on Lou Struble in his office in the 30th Street Station of the Pennsylvania Railroad in Philadelphia, and I am sure that I voiced the sentiments of the Lehigh men in this section that we are glad to have Lou in our territory. Lou is chief engineer, Easter District of Pennsylvania Railroad.

I note that W. A. Drisler is living at Yawago Avenue, Pine Orchard, Connecticut.

J. C. Stoddard (Cy to you) is now Acting Construction Adviser to the Federal Public Housing Authority, and located in the Longfellow Building, Washington, D. C.

Luther Zollinger is still with the Dravo Boyle Company and lives at 2601 Preble Avenue, Pittsburgh, Pennsylvania.

Those of you who are in the least interested in football have undoubtedly noted the recent successes of the Lehigh Team and no doubt a number of you will be on hand for the Lafayette game. I will attempt to see that the members of the Class of '09 are seated together, and, if I am successful, I will see you there before you read this.

Again let me urge you to get your subscriptions in early.

CLASS OF 1910

*M. L. Jacobs, Correspondent
837 Tioga Ave., Bethlehem, Pa.*

C. H. Bechhoefer reports that he is Assistant Engineer in the War Department Corps of Engineers, but neglected to state where he is stationed.

Nelson Downs is with the United States Army Ordnance Department as an Inspector in the Philadelphia Ordnance District at Philadelphia.

I have scanned the published lists of captives in the Philippines, but have not yet found Cap Treat's name among them. We all hope, of course, that everything is well with him.

I had a fine letter from Major Eddie Killough, who is now stationed in Camp Lee, Virginia. He reports that he is S-4 officer on General Edmonds' Staff. His duties include supply, all new construction and maintenance, roads, transportation and other engineering work. He says further—"This is a very healthy life, I feel fit as a fiddle, and take my 'jerks' or setting up exercises every morning at 7 A.M., and we have to go over the obstacle course, overnight hikes and bivouacs, drill twice a week and plenty of gas instruction; have been through the gas chamber three times. Weigh about 20 more pounds than I did and am doing my best to get in condition for that next reunion in 1945 providing we get this other mess cleaned up by that time." He says he gets the BULLETIN regularly, and looks eagerly for news of 1910. I wish you fellows would send me something that I could publish, which would be of interest to Eddie as well as our other classmates.

I suppose you have been reading, with the same satisfaction that I have, the news of the improvement in our football team this Fall. The support that 1910 has given to the Student Grants Fund is helping accomplish this result.

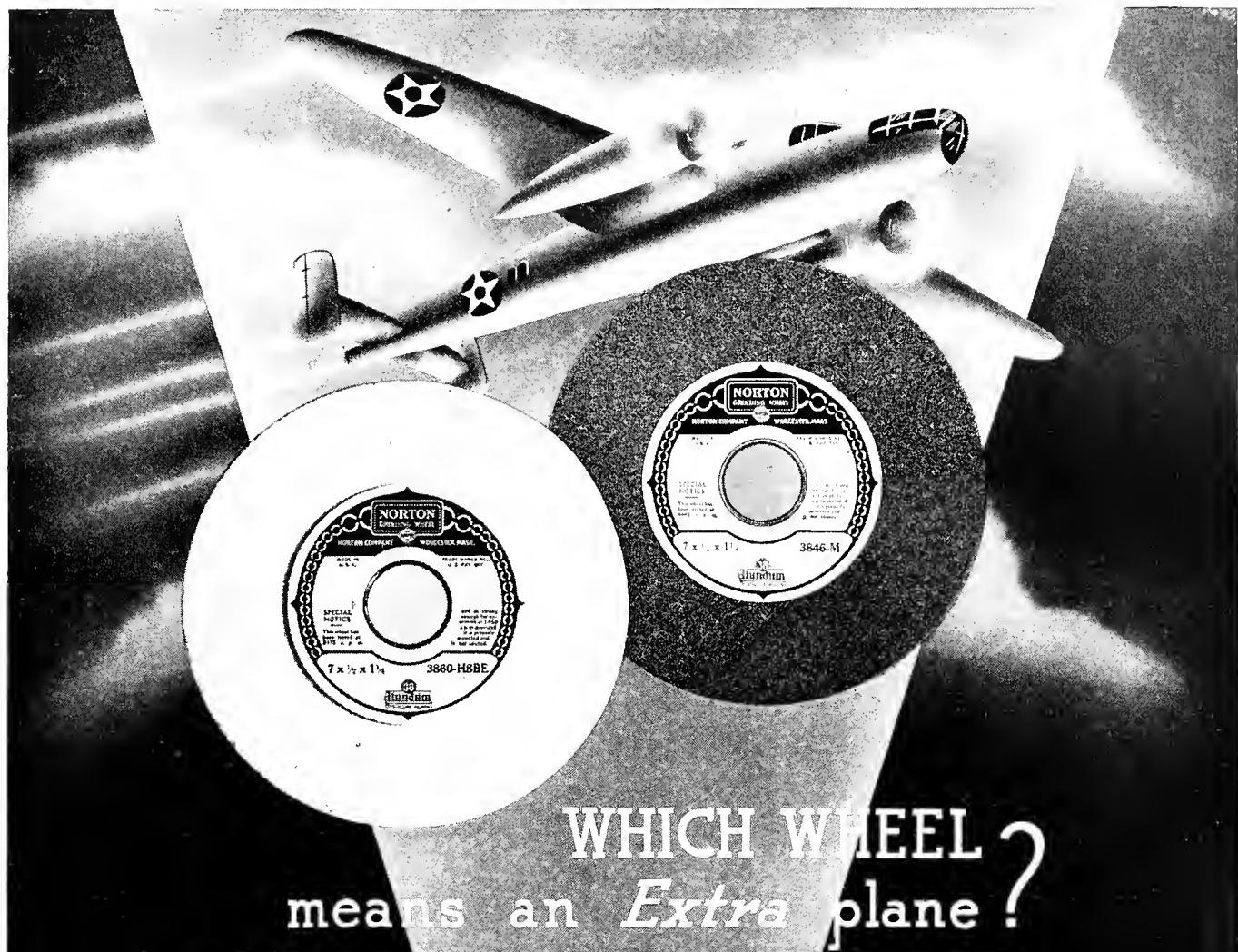
I received the first report of the Class standing in contributions the other day, and was happy to note that 1910 stands well up in this list. Lehigh needs support now more than ever. The new draft legislation is going to have a material effect on Lehigh's finances, and we of the Alumni Body will have to help her carry through this trying period. Anything you can give will be useful and will be appreciated, and inevitably will keep 1910 where it has always been—right at the top.

CLASS OF 1913

*E. F. Weaver, Correspondent
c/o P. P. & L. Co.
Cedar and Buttonwood Sts., Hazleton, Pa.*

Last month we "advertised" for the whereabouts of R. M. Bryce—address unknown. A BULLETIN return indicates he has come to light at Catoosa, Oklahoma, address Route No. 1, Box 40.

From the Alumni Questionnaire it has been learned that Charles W. Miller is now Contract Superintendent at the Baltimore Sub-office of the Phila. Ordnance District-Baltimore, Maryland.



WHICH WHEEL? means an *Extra* plane?

The grinding wheel may control the air.

Precision results from grinding.

Your grinder production may be increased by a better grinding wheel selection.

Another part turned out each hour may mean another bomber.

Norton Abrasive Engineers know the best high productive methods. They're available.

★ ★ ★ NORTON ABRASIVES

NORTON COMPANY, WORCESTER, MASS.
BEHR-MANNING DIVISION, TROY, N.Y.

In the last two days I've had two telephone calls from our enthusiastic Class Agent, "Sunnie" Edwards, and also two letters. The first letter (or rather half of it) was, as its subject stated, a call to "Get in on the Kill—Lehigh versus Lafayette", with enough statistical data added to show that '13 is ahead of '12 in four out of five counts in the Class Agents' Campaign. Our performance is still behind '10, but wait 'till we really get started.

"Sunnie" told me that he sent out about 90 of the above letters to those of the class who seemed to be within striking distance of Easton and the Lafayette game. He certainly deserves a lot of credit for his untiring efforts for Lehigh and for the Class of 1913.

The second letter and the telephone calls included more news for this column. Incidentally, he stated that "At the Muhlenberg game, the Lehigh stadium was packed for the first time in twenty years. Thanks to Student Grants and George Hoban." Not being able to attend the game myself, I was represented by my daughter, a Sophomore at Moravian Seminary (not having a son to send to Lehigh and the latter not being co-ed, we've sent her for at least a part of her education to the closest spot to "Old South Mountain").

Now back to "Sunnie's" letter of Nov. 9th. and I quote "At the Naval Reserve Air Base where some of our kids are being trained for Air Combat Duty, the following conversation took place. Are you by chance a son of "Sunnie" Edwards? Answer, yes. And are you by chance a son of Al Gorman? Answer, yes. My kid leaves for Pensacola tomorrow, the 10th of November. Al's son, a Lehigh graduate, leaves the Air Base at Philadelphia in about three weeks. Where are the rest of our kids?"

Received a very nice, unsolicited check from one of our fellows who said as much as I cared to use for the purpose, should go to covering BULLETIN subscriptions for some of our non-subscribers whose hearts seem to be in the right place. I know that we have a lot of men of good will, whose outward manifestation will be coming to the surface. Well, didn't I just receive a cancelled note that has kept

my nose on the grind stone for the past 12 years?" (Which reminds me I nearly forgot to mention that "Sunnie," but recently recovered from an operation on his schnozzle—this should make it easier for him to sniff Student Grant prospects.)

I have before me a very interesting letter from Juan Matamoros, mailed from San Jose, Costa Rica. Mat has a son, now a freshman at Lehigh and I will call the Sigma Phi Epsilon Fraternity in hope of having the youngster come to the house at an early date. You know, Charley Fellencer recently flew home from Nicaragua, but the what-is-it has not even given me a ring. He told Bob Dynan to tell me to tell the Alumni Office, to tell you all, where he is, but I won't do it."

Well "Sunnie" it's too late to do that now, for if you'll look up last month's column, you'll note that you did tell me Charlie was home and I phoned him for the dope on his plans.

KEEP LOOKING TOWARD AND PLANNING FOR OUR 30TH NEXT JUNE.

CLASS OF 1915

*L. H. Geyer, Correspondent
Room 1265, 11 Broadway, New York*

In the last BULLETIN I promised you some news in this issue. That was wishful thinking, based on the hope that some of you would loosen up and tell me what you are doing. No news is in, so no news can go out.

Except—Hearty congratulations to George Hoban, he certainly is doing a swell job.

CLASS OF 1916

*F. L. Horine, Correspondent
149 East 6th Ave., Roselle, N. J.*

More news regarding H. F. Bergstresser. His "residence" is given as 98 Rose St., Fitchburg, Mass., and his "home" as 160 Main St., Emmaus, Pa. Someone else can figure out that one.

Finally have D. R. Bundy's address other than just the city. He is Sec'y and Treasurer of Bundy & Son, Inc. His residence is at 738 Ave "B", S. W., Winter Haven, Florida.

H. E. Perkins is "seeing West Virginia." The B & O uses him as Division Engineer, desk at Room 324, Passenger Station, and bed at 1452 Pleasant Drive, both of Wheeling, W. Va.

George Sawtelle is lengthily reported as Director of District No. 3, Office of Petroleum Coordinator Facility Security Division, Houston, Texas.

CLASS OF 1917

*Wayne H. Carter, Correspondent
735 Huntington Ave., Plainfield, N. J.*

One thing I have to admit about this class. They never do things by halves. Witness the fact that so far this fall the net contributions from you to this column is zero.

From now on, my contribution to this column is going to be exactly what you send to me, so, if you care to have a column, you supply the news.

From the Alumni Office I have received the following changes of address:

A. D. Bach, 128 Edmunds Road, Wellesley Hills, Mass.

G. M. Levy, 1413 W. Erie Ave., Philadelphia, Pa.

At the time at which I am writing this, I am getting ready to go to Bethlehem for Dad's Day and to see Lehigh lick Muhlenberg (I hope). That gang of kids certainly give you your money's worth. They scrap and when they hit the other fellow, he stays hit. There are some good looking football players in that club.

Here is hoping that I see a lot of you guys in Bethlehem so that there is some news in next month's column.

CLASS OF 1919

*Dave Dorkin, Guest Correspondent
The Mumsey Candy Co., 1803-05 Federal St., Camden, N. J.*

Well, gang, it seems like only yesterday that our class was stalking the Lehigh Campus in Army and Navy uniforms, ambling sleepy-eyed down to the old Commons to K. P. duty, or sneaking past the guard into town. Yet, here it is 24 years later and another generation is in world conflict. I had intended writing in a humorous vein, but somehow or other I cannot get in the mood. With all the publicity about doing our bit to help end the scrap, it is hardly necessary for me to bring the matter up in this column. Needless to say, '19ers are doing plenty.

In lieu of news from members of the class, I follow the usual custom of writing about myself. Still in the candy manufacturing business making lollipops for the kiddies. Don't forget we must keep up the morale of the youngsters also. And don't write for extra sugar rations. It would be taking candy away from the baby.

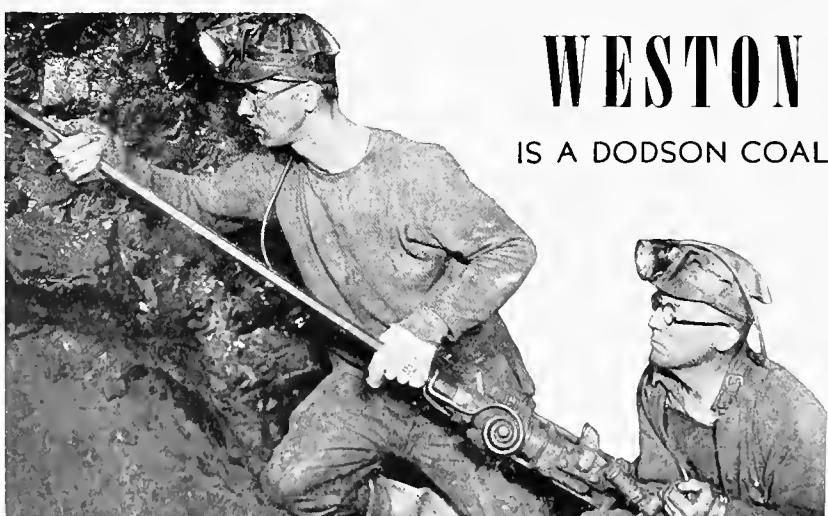
Speaking of babies, my oldest, Jerome, graduated with the Lehigh Class of 1941 and with a glow of pride, I might add that his class was to be 1942, but not being a chip off the old block, made it a year ahead of schedule with Phi Beta Kappa honors. Can any of you birds top that? He is now in his second year at Johns Hopkins Medical School. The younger, Arnold, a model aeroplane addict, is in High School 3rd year.

It will be of interest to you all to know that our "Bucky" MacDonald is Lt. Comdr. in the Navy and located with Naval Aviation Cadet Selection Board, Wold-Chamberlain Field, Minneapolis, Minn. We also find W. A. Yates, 257 Ellicott St., Buffalo, N. Y. added to our active list. That's about all. See you in 1944 after the PEACE with VICTORY.

CLASS OF 1921

*LeRoy F. Christman, Correspondent
101 Endlich Ave., Mt. Penn, Reading, Pa.*

George Childs reports that he finally made Broadway. But no, he can not be seen in "Star and Garter" nor yet in some Shakespearean drama but in the 41st and Broadway Branch of the National City Bank of New York (Times Square Branch) where he is assistant manager. George has little more to say about himself. I believe the BULLETIN reported at the time, but we may have missed seeing that his brother, Ray, passed away two years ago in Baltimore following an appendectomy.



HERE is a double reason for specifying Dodson anthracite. You want coal pledged to maintain the highest standards of preparation and quality at all times. Then, too, the officers of Weston Dodson & Company are Lehigh University graduates almost to a man. Your own dealer will supply you with Dodson anthracite. Be sure to ask for it particularly when phoning your order.

WESTON DODSON & CO., Inc.

BETHLEHEM

G. R. RADFORD, '84
A. C. DODSON, '00
C. S. KENNEY, '10

H. B. TINGE, '12
C. G. SCHANTZ, '20

I. K. EBERHART, '22
W. S. KISTLER, '33
JOHN LISLE, '35

"PRAISE THE LORD and

(WE'LL) PASS THE AMMUNITION!"



The PRODUCTIONEER*

Answers the Call of Freedom!



★ The War isn't going to be won on the *production* line—it's going to be won on the *firing* line. Yet it cannot be won without the gigantic effort of American Productioneers—without the constantly-increasing flow of materiel, ammunition, and fighting equipment produced by American Industry.

★ Today the battle cry of freedom is resounding throughout mines, foundries, factories, steel mills and shipyards all over the Nation—sounding its call amidst the whir of busy machines, and the activity of its Productioneers.

★ Yes, American Productioneers are on the job day and night—passing the "ammunition" to the boys at the front, who know how to make the most of it!

*Productioneer is a new word coined by Link-Belt Company as a patriotic recognition of the thousands of men and women who are working in our plants. We extend to others the right to use it.



LINK-BELT COMPANY

Chicago, Indianapolis, Philadelphia, Atlanta, Dallas, San Francisco,
Cedar Rapids, Toronto

Leading Manufacturer of Materials Handling and Mechanical Power
Transmission Machinery

8978-D

Edward J. Burnell, '12 Harold S. Pierce, '04
C. A. Woerway, '10
Morris B. Uhrich, '33 Thomas Linton, '34

George reports that at the time of writing Jim Dougherty was on vacation at Sea Island, Georgia accompanied by his charming wife and two very cute young daughters.

He also reports that Henry Greene, 1925, is a 1st Lieutenant stationed at the Port of Embarkation, New York and still living at his home, 97 Kensington Road, Bronxville, N. Y.

Harry B. Dyer, President of the Nashville Bridge Co., Nashville, Tennessee, writes that his flying has been considerably curtailed since it was necessary for him to resign from the National Guard Air Corps in order to carry on the Naval Shipbuilding Program in which he is engaged. He is still doing some flying and is serving as operations officer for the Tennessee State wing of the Civil Air Patrol. Says he, "military restrictions do not permit me to disclose the number and nature of the various types of naval and army craft which we are now producing. It is, however, very interesting work, and quite gratifying to be present

at the trial runs of a new type Naval vessel and find that its top speed exceeds the requirements of the Navy Department."

Harry permitted Mrs. Dyer to read my letter inquiring about how many wives and was most inquisitive about any possible rivals or predecessors, as she knew of none and neither do I. The Dyers have a daughter Catherine, 15 years old, who is quite a young lady.

Fellows, won't you please fill out the recent questionnaire and mail it to Bart or me. Thank you.

CLASS OF 1922

*G. F. A. Stutz, Correspondent
422 Edgemont Ave., Palmerton, Pa.*

Here is another of the Reunion snapshots sent me by Ralph Potts. The picture was taken by Ralph, on the steps of Grace Hall—from left to right are: Forbes Silsby, myself, Clint Ide, and Al Gross.

THE ALUMNI BULLETIN

Chubby Satterthwait is now assistant regimental adjutant of the 349th Engineers and his address is c/o Postmaster, Seattle, Washington. Good luck, Chubby.



Four Reunioners from '22

We have a notice that Rup Hughes is in the Army, stationed at Camp Dix, N. J. I tried to get some word from him in time for these notes but did not succeed. If any of you have news about him, please forward it to me.

H. B. Mason, M.D., is a Lt. Commander in the Navy, stationed at the Naval Hospital, Norfolk, Va.

Roy Allen reports he is an application engineer for G. E. in Newark, N. J.

G. D. Davis is now Chief Estimator and Assistant Sales Engineer for Otis Elevator at Buffalo.

A Merry Christmas and a Happy New Year to all of you '22 fellows. How about sending me a Christmas greeting with some news on it?

CLASS OF 1923

*I. S. Reiter, Correspondent
Route No. 60, Allentown, Pa.*

It was very gratifying the way you have responded to our post card solicitation for information on our class members; however, there are quite a few cards that have not been returned and we urge that this be done shortly in order to continue to have some dope for the class bulletin.

I received the following letter from DuBois, which I believe may be of interest to all of you. DuBois is married, has one child and lives at 625 Clinton Avenue, Haddonfield, N. J. From all appearances he is taking care of the accounting end of the Roberts Advertising Agency.

Dear Fats:

I think your postcard deserves more than perfunctory filling out. I think your good efforts in behalf of gathering class news will be appreciated by many.

I am enclosing the card filled out and let me amplify some of the remarks.

I see a few of the class now and then. For example, John Hinkle Opdyke and wife and family spent some time in Stone Harbor where I have had a summer place for a couple of years. It took John about twenty-four hours to have every bartender, policeman, etc. in town knowing him by his first name and generally overwhelming them with the "Hinkle" personality. Incidentally, John's son is going to make a good left guard for Lehigh and John is starting to train him to be tough.

I run into Al Hicks, better known as "Kewpie," occasionally and also his wife and daughter. Kewp is carrying his engineering training (which he never practices professionally) too far and in such directions is building an outdoor fireplace. The fireplace weighs approximately two tons and the building requires fifteen cases of weekend beer along with the other building materials. He plans to have friends and neighbors for picnic meals but, unless he loads a side of beef on the grill, it will look empty.

THE BODINE CORPORATION



Factory and office: 3 Mountain Grove St., Bridgeport, Conn.

MANUFACTURERS OF

DIAL FEED AUTOMATIC DRILLING, TAPPING, SCREW INSERTING
AND SPECIAL MACHINERY

"Let BODINE Help You"

A. V. BODINE, '15
Pres. and Treas.

A. V. BODINE, JR., '40
Asst. Sec.

FOR IMMEDIATE SHIPMENT!

S. A. E. ALLOY STEELS IN STOCK
AT 7 WAREHOUSES

4615, 2315, 3140, X4340, 6145, 4150, Also
2330, X4340 and X4140 Aircraft Quality

HY-TEN ALLOY STEELS offer you the benefits of metallurgical improvements before they are incorporated in the S. A. E. standards.

Wheelock, Lovejoy & Co., Inc.

130 SIDNEY ST. • CAMBRIDGE, MASS.
CLEVELAND • CHICAGO • NEWARK • DETROIT
BUFFALO • CINCINNATI



* WAR on Wear! *

MANHATTAN'S suggestions for the Care of POWER TRANSMISSION BELTS

How NOT to do it! Don't nail up a board to keep belt on pulleys. Align pulleys correctly and keep them clean.



Note how belt hugs clean, correctly aligned pulleys. Belt runs true and is in excellent condition after three years because of daily checking and cleaning.

THE greater the output, speed and strain, the greater the belt wear. "Keep 'em running" on the factory front—with less wear and trouble—by following these simple instructions.

1. Do not allow oil, grease or gasoline to come in contact with belt.
2. Avoid exposing belts to sunlight and excessively hot or cold weather.
3. Avoid heavy overloads.
4. Don't leave tools or other objects near belt to get caught in drive.
5. Don't allow belt to rub against stationary objects. (See inset photograph.)
6. Use right size and type of belt on pulleys of correct size—too small pulleys shorten belt life.
7. Do not try to take out all stretch on new belt. Install only tight enough to pull load without slipping—then shorten only if necessary.
8. Use proper type fasteners of correct size for pulleys.
9. Keep tight side down for greater arc of contact and more power.
10. Pulleys with excessive crown cause fastener failure.
11. Do not apply large belts by rope and power.
12. Use constant tension motor base on short center drives.
13. Cut belt square and line up before splicing. Seam side away from pulleys.
14. Keep pulleys clean, in good condition and in correct alignment so that belts will run true and wear evenly.
15. Keep proper tension. Too tight a belt may cause fastener and bearing trouble; too loose, slip and wear.
16. If dressing is necessary, use type recommended by belt manufacturer. Never use rosin. Correct fault in drive instead of dressing belt.
17. Provide take-up facilities.
18. Inspect splices and remove worn fasteners before they cause injury to belt.
19. Avoid slippage, evidenced by polished surface.
20. Use factory-made endless belts whenever possible.
21. Cut down large worn belts into smaller sizes for light drives.
22. Consult your MANHATTAN representative. Write factory or your distributor.

Inspect daily with special reference to above suggestions. It is constant care that reduces wear and keeps your belts turning your machines with the minimum of stoppage.

"Care of Power Transmission Belts"—wall cards available for your maintenance department—also for Hose, V-Belts and Conveyor Belts. Write for those you want.

THROW YOUR
SCRAP INTO
THE FIGHT!

KEEP AHEAD WITH



William Warr, '95 A. J. Kutzleb, '13
F. H. Williams, '39 Stewart Monroe, '22

THE MANHATTAN RUBBER MANUFACTURING DIVISION

of RAYBESTOS-MANHATTAN, INC.

EXECUTIVE OFFICES PASSaic, NEW JERSEY

Turk Read still handles the Kittinger Furniture Company chores in New York City and has become so interested in getting government orders that he almost persuaded the Ordinance Department that they could make 75 millimeter guns out of wood so that he could get the contract.

As for myself, I am rounding out a second year in the advertising agency business and could use a few more good clients.

Best of luck.

Very truly yours,
DULY.

I received another letter from John Black, 1929, in which he states that Herb Talmage is now located at Miami Beach, Florida, where he is a First Lieutenant in the 8th Army Air Corps. You all remember Herb as being our track speed merchant in '23.

A few weeks ago "Shorty" Wuehrich, together with his wife and daughters visited Bethlehem to see a football game. He called upon the writer, whereupon we had an enjoyable visit. "Shorty" is still with DuPont and has no more hair now than he had ten years ago.

Charles Burgess, 154 Buffalo Avenue, Niagara Falls, N. Y., is the father of three children and is still with Union Carbide & Carbon as a Metallurgical Engineer in the Research and Development of Alloy Irons and Steels.

Walter Knouse lives at 311 Harrison Ave., Glenside, Pa., and is employed by the Phila. Electric Co. as a Senior Electrical Engineer. He is the father of four children.

George Koch of Rosendale Road, Schenectady, N. Y., advises he has seen John Erb.

Friend Lodge's batting average for prospective Lehigh enrollment is "O" with his four daughters. He resides at 1116 W. Minnehaha Fkwy., Minneapolis, Minn., and is Asst. Di-

sion Engr. of the E. I. duPont deNemours & Co., Inc., construction of Gopher Smokeless Powder Plant.

R. P. Howell, 1829 Kenmore Ave., Bethlehem, is Sales Engineer of the Fuller Company, Catasauqua, and hopes to attend our reunion.

Conrad M. Bahson, M.D., is a captain in the United States Army and is stationed at Ft. Jackson, S. C.

S. C. Nevins, 708 Oneida St., Fulton, N. Y., is married, has one child and is Asst. Genl. Supt. of the Armstrong Cork Co.

Doster Focht, 360 S. E. Fourth St., Provo, Utah, is the father of three children and is with the Midwest Piping & Supply Co., Inc., St. Louis, as a Mech. Engineer.

Lewis Van Billiard, Newtown, Conn., reports he has seen Chas. Derrick and J. Waltman at a Yale game. He is a Designing Engineer for the General Electric Co.

C. Raymond Wire, whose address is 305 Bradley Blvd., Bethesda, Maryland, is a Captain in the U. S. Army, Inspector General. He is the father of two children.

CLASS OF 1924

J. F. Rogers, Guest Correspondent
50 Terrace, Buffalo, N. Y.

Here we are again at that time of the year when it is my privilege to send a few lines to the members of our class through the medium of the ALUMNI BULLETIN.

I have had many mixed thoughts as to what might or might not be said as one member of the Class of '24 to another. We all no doubt are putting every effort that we have toward the war program in behalf of a principle which we believe to the fullest is the principle under which we desire to live: namely, Freedom of Speech, Freedom of Thought, Freedom of Action, and Freedom of Religion. I believe whole-

heartedly that in the exercise of these freedoms we recognize the rights of each other.

The obligations of the day leave little time for much outside activity. However, I hope that each one of us will keep alive the spirit of comradeship for our class and participate as far as possible in the various local activities of Lehigh men so that we may keep alive the spark of friendship which we will want to rekindle again at the proper opportunity. This, also, leads me to feel that it is important for us to recognize and support our tie with the University and measure up to the responsibility which is ours in maintaining her needed support at this critical time in the life of our Alma Mater. I am sure that you will agree with me that in your contacts after graduation, you have found that Lehigh has measured up to her responsibility as far as preparing her sons for the experience in life that might be theirs.

During the year I have not been too fortunate in running into members of our class, but it was a pleasant surprise the other day when Jim Degan came through Buffalo and we had a few minutes together over the dinner table. It was also a pleasant break to hear from "Bumby" who, as it has been said before, appreciates any word that he might receive from the members of our class during the year. In his letter to me, he listed the names of some of the boys who had been thoughtful enough to keep in touch with him in reference to their activities. You know Bumby's address is

The Carnegie-Illinois Steel Corporation,
208 South La Salle Street,
Chicago, Illinois.

I would like to take this opportunity of expressing my deep respect and best wishes to those of our class who have been called into the service and to those who have felt it their duty to volunteer to fight for their country. I

NATIONAL ROLLS

CAST IRON CHILL and ALLOY TYPES
for all Ferrous and Non-Ferrous Purposes

Heavy Iron Castings

CAPACITY AVAILABLE

(Air Furnace or Cupola Iron)
(Up to 70,000 Pounds)

- We have capacity for heavy iron castings and can make good delivery.

Machining capacity on 8 ft. by 36 ft.
and 7 ft. by 22 ft. planers

We invite your inquiries, which will receive our immediate attention.

THE NATIONAL ROLL & FOUNDRY CO.
MANUFACTURERS OF
ROLLING MILL EQUIPMENT
SOLID WATER COOLED STANJINGS AND HEAVY IRON AND STEEL CASTINGS
CHILLED-IRON SAND ROLLS SPECIAL IRON ALLOY ROLLS
AVONMORE, PA.

**Diesels,
Air Conditioning,
Steam Power Plants,
Petroleum Refineries.**
wherever water is used for cooling or condensing,

MARLEY Cooling Towers

are saving owners important money—and they
can prove savings over all other types of
equipment for the same purpose.

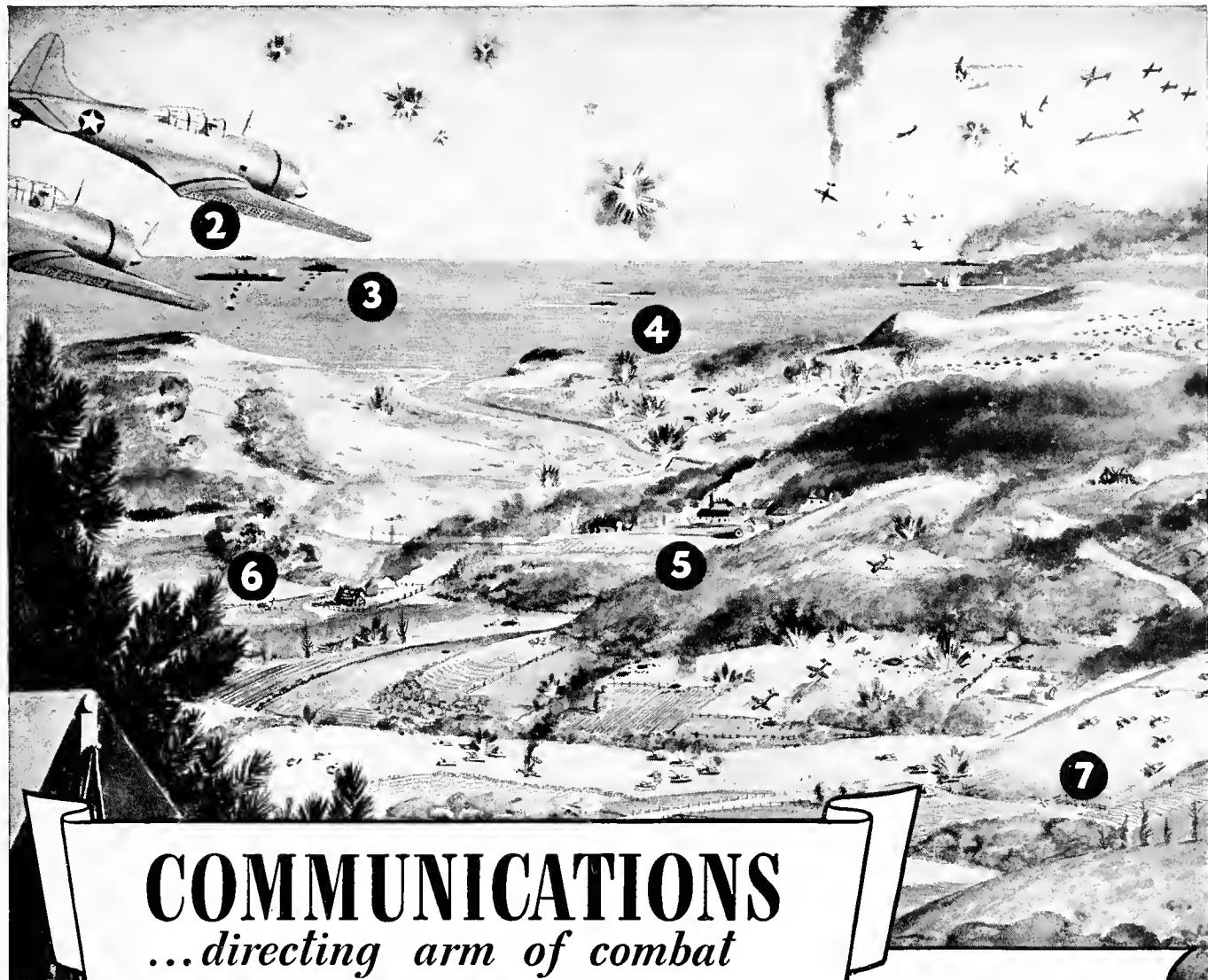


LARGE or Small,
if you use water for any
cooling purpose, Marley can
save YOU money, too.

L. T. MART, '13; Pres.



The MARLEY Company
Fairfax and Marley Roads, Kansas City, Kansas
Sales Offices or Agents in all Principal Cities



COMMUNICATIONS

...directing arm of combat

This battle drawing was prepared with the aid of Army and Navy authorities.

IN modern battle, our fighting units may be many miles apart. Yet every unit, every movement, is closely knit into the whole scheme of combat—through communications.

Today much of this equipment is made by Western Electric, for 60 years manufacturer for the Bell System.

Here are some examples of communications in action.

1 Field H.Q. guides the action through field telephones, teletype writers, switchboards, wire, cable, radio. Back of it is G. H. Q., directing the larger strategy . . . also through electrical communications. The Signal Corps supplies and maintains all of this equipment.

2 Air commander radios his squadron to bomb enemy beyond river.

3 On these transports, the command rings out over battle announcing system, "Away landing force!"

4 Swift PT boats get orders flashed

by radio to torpedo enemy cruiser.

5 From observation post goes the telephone message to artillery, "Last of enemy tanks about to withdraw across bridge . . ."

6 Artillery officer telephones in reply, "Battery will lay a 5 minute concentration on bridge."

7 Tanks, followed by troops in personnel carriers, speed toward right on a wide end-run to flank the enemy. They get their orders and keep in contact—by radio.



Western Electric
ARSENAL OF COMMUNICATIONS

believe that with this thought in mind we, who are still trying to keep the home fires burning and production moving, will work just that much harder so that the war may end that much sooner and that by our efforts we may feel that we have contributed a little bit toward hastening that day.

As we roll into 1943 may our wish be for a renewed faith in our Freedoms, our continued support of our Alma Mater and a growing feeling of friendship for each one in the Class of 1924.

CLASS OF 1926

*J. A. Bissinger, Correspondent
907 E. Dorset St., Philadelphia, Pa.*

Ye correspondent had resolved when he took this column over that unless something interfered, there would be a column every month, come hell or high water. However, we hadn't figured on a war and here we have missed a column twice this year. We are looking for volunteers to take over the column some months, but no one ever bothers to write a line, let alone a whole letter or a column.

Inasmuch as this will be printed just after Christmas we take the liberty at this late date to wish all of you a Merry Christmas and a Happy New Year. We know it is useless to wish you a prosperous New Year because Uncle Sam's income tax bureau will prevent that when March 15th comes around.

At this time we thought it would be news to let you know which of our class are now serving in the armed forces. The list is not complete, but here it is as much as we have:

Captain Don Heath, 7th Field Artillery; Lt. Condr. Frank Kear, U. S. N.; Captain Gilbert W. Bousch, Army Ordnance; Lt. David C. Puehl, U. S. N. R.; Captain H. T. Carmichael, U. S. Army; Lt. Sam G. Mastriani, U. S. N. R.

CLASS OF 1927

*Major H. O. Nutting, Jr., Correspondent
Aberdeen Proving Ground, Md.*

I feel that John Blackmar, '29, should be given credit for most of this column for he

has furnished the news on the following:

Dick Castor is with Giffels & Vallet, an architect engineer firm in Detroit. His principal job is designing steel and aluminum foundries. Needless to say, his hours are long and tedious as are everyone's nowadays. Dick's latest heir was born January 8th, Phillip Henry, by name, having tipped the beam at 9 lbs. 10 oz. he was immediately dubbed the nick name of Butch. To Judy and Dick congratulations from the entire class.

Lymie Warner is living in Montclair, N. J., and working for the Crocker-Wheeler Electric Mfg. Co., of Ampere, N. J. They are now doing 100% war work. Lymie and Priscilla announce the birth of Elizabeth Lynn as of March 5.

Chick Farrell wrote a very interesting letter, among the high spots the highest is the fact that eight months ago Chick and Jeanne were blessed with a son, a fine healthy rascal, bald like his dad too. Your correspondent is particularly pleased because now all "ribbing" ceases. Think of the beating young Jimmy will take from his two sisters aged ten and seven.

Chick and Paul Siawell still located at Oakfield, N. Y. have been shooting pheasants together. Sounds good, wish I could join you. Paul is with U. S. Gypsum and Chick is with Hudson Coal in Rochester.

E. A. Hamrah is located in Meriden, Conn. His business is Hamrah Department Store, 19 Colony St. I know he'll welcome all classmates who happen into Meriden.

Harry Borchers is Secy. and buyer for Koster and Alnor, Inc. of Pleasantville, N. J. His residence is 16 Weskora Avenue.

Still haven't heard from Captain Herb McCord, Air Annex No. 1, Gravelly Point, Washington, but can picture Herb as a very dashing officer, the Air Corps always gets them. Look out Washington! Look up Harry Martindale, Herb.

How many of you remember Max Schaeffer

who left freshman year for Annapolis? You know he's been with the Marines ever since graduating from the Naval Academy. Doubtless making history somewhere.

No mention has been made in this column of the splendid showing the football team has been making. However, we all are justly proud and in behalf of the class, may I say congratulations and carry on!

CLASS OF 1929

*J. M. Blackmar, Correspondent
P. O. Box 308, Summit, N. J.*

TIRE THIEF BRANDED AS "JAPANZI RAT"

Pittsburgh, Oct. 19—UP—

When a thief stole the tires from the automobile of Clement F. Stanton of Pittsburgh the victim let the robber—and the world—know what he thought by inserting the following personal ad in a newspaper Monday.

"You deprived a war worker of a car, which makes you lower than a Japanzi rat."

Stanton is district manager of the Duriron Co. of Dayton, Ohio, a war materials company.

The above story which the United Press sent all over the world came to my attention through the courtesy of Joe Courath who noticed it in a Miami paper. As previously reported in these columns this member of the Class Executive Council is in the employ of Pan American Airways, DuPont Bldg., and his present residence is 171 SE 14th St., Miami, Fla.

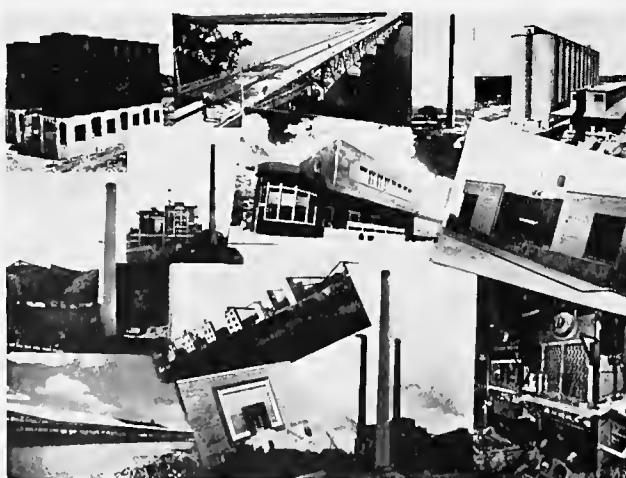
Let us share most of Courath's letter: "When the August BULLETIN came to me after a series of forwarding addresses, I gave it first place on my desk to remind me of a letter to you on the next writing session. Just to prove I



RUST



for Excellence in WARTIME ENGINEERING



*with DESIGN and
CONSTRUCTION of*

- COMPLETE INDUSTRIAL PLANTS
- CONCRETE BINS AND SILOS
- BRICK AND CONCRETE CHIMNEYS
- INDUSTRIAL FURNACES
- MATERIAL HANDLING SYSTEMS

C. G. Thornburgh, '09

P. F. Campbell, '24

G. M. Rust, '31

A. G. Rohrs, '32

S. M. Rust, Jr., '34

W. F. Rust, Jr., '36

R. H. Wagoner, '36

THE RUST ENGINEERING CO. PITTSBURGH

NEW YORK

WASHINGTON

BIRMINGHAM

CHICAGO

have gone Southern in a big way I didn't get around to it until tonight after receiving the October issue—the first cool night!

"Incidentally the Horgans have a third son—John Stephen. Drew will give you the details if you need news. He is working right up on the baseball team although Marion claims he is 'out at third'.

"I phoned the Roney Plaza tonight to reach Gene Quinlan. I was greatly disappointed to learn that he was moved on—and no forwarding address. Sorry to hear your brother Ed was called away from the home life but I imagine the cause is plenty good enough to make him like it."

So last week when I bumped into Transmission Engineer Horgan in the elevator of the N. J. Bell Telco headquarters building in Newark, I verified the date. This is Andy's third son and he was born in Orange Memorial Hospital on August 8th. His brothers are 5½ and 2½ years old.

In addition to Conrath, this month we are indebted to John Gehrke for crashing through with a newsworthy letter. Gehrke has been a regular subscriber to the BULLETIN all these years and he penned the kind of letter that makes a class correspondent feel that his work is not all in vain. Admittedly it was his first in 13 years, but this meant that it was chock full of news and much appreciated by yours truly.

After graduation he spent two years on a cadet engineering training course, part of the time with the Cincinnati Gas and Electric Co. and the rest with the Dayton Power and Light Co. Since July 1931 Johnny has worked in the Transmission Distribution Engineering Department of the latter concern. His specialty is overhead power lines but his experience has been in all phases including joint construction work with the Ohio Bell Telephone Co.

In 1931 John went back to Reading, Pa. and married a childhood sweetheart, Anna Kach-

line. The Gehrkes now have two youngsters, John Harry, 9, and Carol Lou, 7. They bought a home in 1936 at 158 Willowood Dr., Dayton, and right now are mighty glad of it because the rents have sky-rocketed in that defense area. Mrs. Gehrke, a kindergarten teacher before her marriage, is president of the Parent-Teachers Association of the grade school which her children attend. During the last six winters our Eta Kappa Nu man has taught 11 classes in night school but due to the paucity of students and the demands on his time by defense activities, John is not teaching this year. He is first assistant to the defense coordinator of the Dayton P. & L. Co. and has taken a number of courses including one sponsored by the F. B. I. For recreation he has been playing softball and has rigged up a basket in the backyard so he and his son can practice shooting baskets.

19 CLASSMATES NOW IN SERVICE

Gehrke also sent in the first word we have had about his Taylor Hall roommate, Butch Evans, a rugged basketeer who had his early training in that court cradle, Freeland, Pa. It will be better if I quote from the letter at this point:

"John P. Evans, C.E., is not married. He was drafted in April and was sent to Cochran Field, Macon, Ga. During the middle of the summer he was transferred to MacDill Field, U. S. Army Air Corps, Tampa, Florida. The last letter I had from him on Aug. 30th said he had been transferred to the engineers attached to the Air Corps and that he probably would go to officers' school. So he may not be stationed at MacDill Field anymore."

Just as I am rushing to get under the deadline, I am in receipt of confirmation from Jack Kirkpatrick via long distance 'phone that he has been commissioned by the Navy as a Lieutenant (j. g.). So adding Evans and Kirk's names to the roster published last month, 1929 is proud of its 19 men in uniform. On behalf

of the class let me express congratulations to Jack and wish him as well as the others the best of luck for the duration and a speedy return to us. Lt. Kirkpatrick was ordered to report on November 10th to the Office of Procurement and Material, Navy Building, Washington, D. C.

I know that Kirk will be sorely missed at the University where he was a valuable man on the administrative staff, and we alumni who managed to get back for the Lafayette game certainly noticed a void as a result of the absence of our own football captain. After witnessing 16 of the 17 L-L games played since we were freshmen, due to the war I was obliged to pass up this year's battle for the Middle Three Championship. Let those in absentia drink a toast to Coach George Hoban, '15, for the grand boost he has given Lehigh's prestige this season. It is even more gratifying to an old grad who has contributed to the Student Grants Fund since its inception and I'll bet there are hundreds of other Lehigh men who feel as I do this Fall.

CLASS OF 1930

*F. J. Whitney, Jr., Correspondent
Old Gulph Rd., R. D., Wayne, Pa.*

King Paget's timely letter last month filled what might have been a very vacant column. What we would like to have is a full story of King's experience since Pearl Harbor.

There were certain men in our class whom we thought would never marry—one of them being W. P. Wills. Walt, however, thought different for on the 22nd of August, 1942, he married Mildred Harker Mayhew. The ceremony took place in Packer Memorial Chapel. We extend our congratulations to Walt and his bride. They are living at 6134 Wayne Ave., Germantown, Philadelphia, Pa.

Two more of our classmates are in the Army. Captain I. Schermer is stationed in Cleveland.

LEHIGH UNIVERSITY NOW SERVES THE NATION BY:

- providing facilities for special instruction to military units
- enlarging the R.O.T.C. program
- utilizing its scientific laboratories in strategic researches
- cooperating with all home-front activities
- accelerating the academic year
- loaning trained men of the staff to the Government for the duration
- recasting the physical education program
- keeping students informed of the nation's need for men in the services

AND MORE IMPORTANT...

Lehigh University stands ready to adjust its program to meet whatever demands made in the matter of training America's manpower.

His home address is 16300 South Moreland Blvd., Shaker Heights, Ohio. Schermier has just been raised in rank in October and was transferred from Columbus to Cleveland.

Ray Stocker, a man who has kept in hiding for many years now turns up as Chief Engineer for Dixie Vortex Co. in Easton. Mailing address, R. D. No. 3, Easton, Pa.

Joe Girdler is now Asst. Supt. of the Open Hearth Dept., of the Atlantic Steel Co. in Atlanta, Ga. Joe have you any extra steel, say three or four million pounds? We need it badly.

A. J. Davis is in the Accounting Dept. of the Hudson Coal Co. in Scranton, Pa.

Tom Strawn has evidently been transferred from Philadelphia to Carthage, Missouri.

John Blackmar, '29, was kind enough to furnish your correspondent with the following news items:

Lloyd Schoen is just a peace loving family man. Coming home nightly to 59 Park Circle, Atlanta, to find his wife, son, George Lloyd, Jr. and daughter, Judy. Lloyd is in the electrical business with his brother and is probably loaded with war contracts.

Ed Blackmar entered the army on the 23rd of July 1942 as a Second Lieutenant and has recently been promoted to a 1st Lieutenant.

Another lost member of our class turns up in the news with the announcement that he is the father of twins. Oh the father! None other than Ellis Oller. Congratulations, Ellis, how about a note about the details.

Our lost, strayed, or plastered column.

Lieutenant A. V. Marsh last stationed at Boston, Massachusetts.

The following new addresses have been received:

J. V. Collins, 28 Fenwick Rd., Hastings-on-Hudson, N. Y.; J. Dumont, 18 Stevens Ave., Jersey City, N. J.; W. J. Hutchins, 184 Ridgewood Ave., Hamden, Connecticut.

As a reminder: Buy Bonds today to avoid the bonds of dictatorship tomorrow.

CLASS OF 1933

*Robert L. Davis, Correspondent
General Electric Co., 110 North Illinois St.,
Indianapolis, Ind.*

Again the time rolls around for another issue of your BULLETIN and again your correspondent is reposing in the nation's "Bread Basket", not having heard a word from any of our esteemed classmates. We have, however, learned of several changes of addresses through the Alumni Office.

John Langhaar is now residing at 1609 N. Walnut Street, Danville, Illinois. Evidently John is reaping the benefits of a sojourn in the nation's "Bread Basket" also.

John Aufhammer, or rather I should say Lieutenant Aufhammer, is now addressed to the Academic Department, Infantry School, Ft. Benning, Georgia. Your correspondent did not realize that John's record at Lehigh entitled him to a commission in the Academic Department of our armed forces.

Shorty Crichton is now located at Warner Place—Belle Meade Park, Nashville, Tennessee.

Bill Towers is Box 160B, R. D. No. 2, Neptune, New Jersey.

Bill Aucott has a job with a title. He is Production Manager for the Connery Construction Company, 2nd and Lazerne Streets, Philadelphia, Pennsylvania.

We also have one major in our class who is none other than Major P. H. Slaughter of the Memphis Quartermaster Depot, Memphis, Tennessee.

Perhaps by the next issue your correspondent will have heard from some of you such as John Aufhammer. How about it John, you've done it before, let's do it again. Drop us a line and tell us how things are going down below the Mason-Dixon Line.

CLASS OF 1934

*R. F. Herrick, Correspondent
Lehigh Alumni Office, Bethlehem, Pa.*

As this issue goes to press it seems as though my past ramblings concerning Lehigh's going to war are being reversed. At the minute it looks more as though the war is coming to Lehigh. In other words, it may not be long before you will have to have a military pass to get on the campus and a uniform to take classes. But in the meantime, and as usual, our gang is doing a swell job on the war front. Apparently, they are so involved that few of them could get back for the Lafayette game. Tex Eichelberger, Ben Bishop and I were the only ones to clank schooners in honor of '34 at the pre-Lafayette smoker and Ben and I can certainly vouch that married life has done nothing to dull the irrepressible Ike. Doesn't look a day older than he did when manipulating campus politices.

Walt Plumb, who for a time was located in Washington, turned up at the Lafayette smoker held by the Philadelphia club and tells me that he is now permanently stationed in the City of Brotherly Love (or at least as permanently as any army man can be).

Surprise of the month came in the form of a letter from Jimmie Jobbins to Leo Schick, who handles the service newsletter from this office. For inscrutable reasons we had tagged Jimmie as being a member of the armed forces because of his official sounding address in Bermuda. Here's what Jimmie has to say about it:

"At long last, I write you. Altho I never had the pleasure of meeting you (I don't think), I shall impose on your good nature from this minute on. As follows. First, I am not in the armed forces, yet anyway, so for now you can drop the Pvt. I was in Bermuda as a mechanical engineer (how these Arts men do develop!) for a private contractor, the Bermuda Base Architects. I didn't write you this because I was afraid you might stop sending me the "Lehigh Passes in Review" which I avidly awaited each month. And here's where I impose on you. First, I am not in the armed forces, and second, I am not abroad, but would you please continue to send me your bi-weekly letter. I was most happy to get it, and would like to continue to get it.

"I'm out here as an expeditor trying to get this rubber plant into operation and, altho I haven't been here a week yet I feel like I'd done a year's work. I worked on it from the N. Y. office for about 2 months—ever since I got back from Bermuda.

"Had a farewell party for me with Walt Miller last Monday. He's a 1st Looie in the infantry on Long Island somewhere. Mrs. M. and Walt's firstborn (age 6 mo.) are also doing well.

"Bye, for now, and it is with regret that I am going to have to pass up the Lehigh-Lafayette game as it looks like for once Lehigh could take those hillbillies from Easton quite completely apart. Keep up the good work, Leo, and dictate a letter to me if you get a chance."

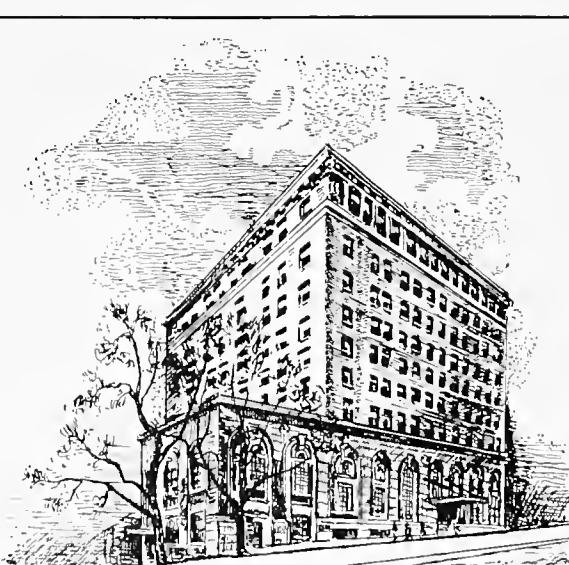
I'm sure Jimmie will pardon us for rushing him into the service accidentally but any excuse is a good excuse when it brings forth a real letter like that.

Before I forget it, the class of '34 is next to the top of the list in active membership this fall, surpassed only by one of the recent "insurance" classes. And this without any solicitation to date!

We don't know what the ground rules are but we do recall that a year or so ago Harold Silverstein changed his name to Harold Sills and along comes an announcement that another '34 member, Irving Silowitz, has also officially changed his name to Sills. This sort of thing could become complicated.

Apparently Bob Porter has sailed for foreign duty, as he now has an A.P.O. address out of New York. Kilpatrick is a private at Fort Dix and at this writing can be reached at the 1129th Reception Center, Company H. We may have mentioned this before, but Tommy Jordan is sporting his captain's bars and is still receiving his mail at 1629 Columbia Road, N. W. in Washington.

Frank Kennedy is a Lieutenant with the Civil Engineering Corps of the U. S. Navy, while Vince Conti holds a like rank with the 58th Medical Battalion and at the present time



"for all Returning Lehigh Men"

THE HOTEL BETHLEHEM

BETHLEHEM, PENNA.

STUART E. HOCKENBURY
General Manager

JOHN F. GORDON, '37
Resident Manager

AMERICAN HOTELS CORPORATION, N.Y.

J. LESLIE KINCAID
President

is at Camp Clairborne. Fritz Bavington is with the Quartermaster Corps in Philadelphia and has the same mailing address at 8311 New Second Street, Elkins Park, Pa. Fritz, too, has the rank of lieutenant.

Word from Milt Hutt indicates that his job may be important in the war but he is not as yet in uniform. Milt is employed by the engineering department of the Bendix Aviation Corporation in Philadelphia and is living in Moorestown, New Jersey. Stan Michaelson is an army inspector of ordnance for the Chicago Ordnance District's Milwaukee Sub-Office and is receiving his mail at 1018 E. State St., Milwaukee, Wis.

Which is all for the mail this month until we can have time to sit down and find out just what is going to happen on South Mountain within the next six months.

CLASS OF 1935

*Dr. Robert "Buck" Buchanan, Correspondent
Presbyterian Hospital, New York,
New York*

This month's effort will be short and sweet for two reasons: (1) the mail from you fellows has been conspicuous . . . by its absence!!; and (2) a surgeon at Presbyterian Hospital gets a minimum of sleep these days what with decreased house staff, etc.

The Army-Navy roll call has been increased to 35 from the class of '35 by the following additions:

Savage, W., Capt., Rents and Claims Off., HQ Co., Station NYPE, Fort Dix, N. J.; Shackford, C., Lt. (j.g.), U. S. S. "Prairie State", New York City, N. Y.; Stemler, D. R., Lt., Electronics Trng. Group, Sec. 118, Signal Corps, U. S. A. Army A. P. Area, Fort Monmouth, Red Bank, N. J.

Capt. Dan Ivins is now Major Dan Ivins—congratulations Dan—and he is still stationed at Fort Hancock, N. J. with the 52nd Coast Artillery.

Grogan and Parker Berg have both been promoted to Captain—Parker's address is as per my last report, but Grogan's is now 472nd. Sep. C.A. Bn. (AW), Camp Stewart, Georgia, Pvt. S. M. Schwarz is now to be reached at HQ Co., Station Comp., NYPE, Fort Dix, N. J.

Now that the old "Brown & White" has won four straight—beating P. M. C., 13-0, Rutgers, 28-10, Hampden-Sidney, 51-6, and Muhlenberg, 22-6, I hope that all of you that possibly can will be in Easton on the 21st to see the Leopards of Lafayette get a long over-due "skinning". I plan to get down to the game and I hope to see a lot of '35 men so that I can get all the "latest" for a super column for the next issue (of course by the time you read this Christmas and 1943 will be in the offing).

Attention Lew Black—I sent in the article about Ralph Blythe for the September issue, but it was deleted for lack of space; I will try and get it in a future issue. Thanks for your letter and the article. Note: the letter included an article about Ralph's experiences on Corregidor.

I am sorry there is no more news to tell you fellows, but—no letters from you—no news in the column. I suppose if I offered a "scotch and soda" for every letter and picture received, my mail box would be jammed; I can't do that, but I can offer the hospitality of my home to any of you fellows who hit New York City and don't know what to do with yourselves for the evening—just call me at the hospital and I can promise you a meal and a different type of evening's entertainment (punctuated by the occasional "calls for attention" by the latest addition to the Buchanan family).

Well I'll close with Merry Christmas and Happy New Year to you all wherever you are and whatever you are doing; the class of 1935 is proud of you who are representing us on the battlefield and we wish you the best of luck wherever you are and a speedy and safe return to the good old USA.

A good New Year's resolution for all of you would be "I promise to write our class correspondent at least once during 1943—even if it is just a note on a penny postcard".

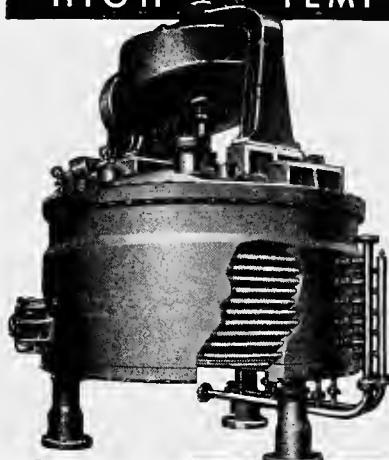
CLASS OF 1938

*Capt. William G. Dukek, Jr., Correspondent
56 Price Ave., Lansdowne, Pa.*

THE MAIL BAG

Has brought two letters, one from Bill Jessup to Bob Herrick: ". . . I was drafted

HIGH TEMPERATURE PROCESSING



THERMOCOIL

For chemical processes involving the application of heat from 300 deg. F. to 660 deg. F. in the batch, by means of steam or hot water at required pressures—Thermocoil apparatus is ideally adapted.

The unique patented construction of Thermocoil Vessels—a series of high pressure steel tube coils cast into and integral with the walls of the vessel—places Thermocoil Equipment far in advance of conventional jacketed equipment in flexibility of application and range of usefulness.

BETHLEHEM FOUNDRY & MACHINE CO., BETHLEHEM, PA.

T. B. WOOD'S SONS CO. Chambersburg, Pa.



V-Belt Drives . . . Flat Belt Drives
Flexible Couplings . . . Clutches
Pulleys . . . Rigid Couplings . . . Bearings

CHAS. O. WOOD, '92

G. H. WOOD, '99



STRUCTURAL STEEL

FOR
BRIDGES, BUILDINGS, ETC.

ENGINEERS AND
MANUFACTURERS

CHARLES McGONIGLE, '01 - OTHO POOLE

POOLE & McGONIGLE

PORLAND, OREGON

BRIDGE and BUILDING ERECTION

STEEL CONTRACTORS

Incorporated 1911

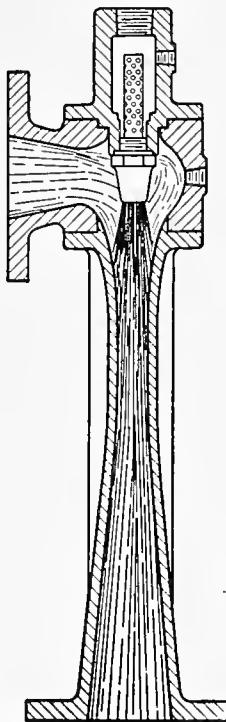
OTHO POOLE

CHARLES McGONIGLE, '01

POOLE-DEAN COMPANY

PORLAND, OREGON

STEAM JET EVACTORS



AIDING NATIONAL DEFENSE

Numerous Croll-Reynolds Evacators are working overtime maintaining high vacuum in plants making explosives, synthetic rubber, airplane lubricants and a long list of other ordnance materials. They are maintaining high vacuum on engines and turbines of dozens of American ships sailing the seven seas.

While the large and special units require up to three months or more for fabrication the smaller ones are sometimes made in two weeks, or less, when the demand is urgent. These include single and multi-stage units for vacuum up to a small fraction of 1 mm. absolute, also small condensers and vacuum chilling equipment.

A recent development is a vacuum-cooled condenser for maintaining condensing temperatures down to 34° F. Inquiries will be handled as promptly as possible under the circumstances.

CROLL-REYNOLDS COMPANY

17 John St. 20 N. Wacker Drive
New York Chicago

S. W. CROLL, '10

and inducted into the Army May 1 . . . sent to Field Artillery Training Center, Fort Bragg, N. C. Before completing basic training, I was sent to Center School at Bragg which is a preparatory Officers' training course. . .

"Then August 15, I reported out here (Fort Sill, Okla.) for O.C.S. at the crack Field Artillery School. On Nov. 12, if all goes well . . . I'll be commissioned a second lieutenant. . ."

" . . . Carl Palmer graduated from here (Fort Sill) just before I arrived. . . Just before leaving Bragg, another '38er came into my platoon as a trainee. . . Don Griffith."

Sorry I couldn't quote in full Bill's interesting comments on the Field Artillery and his present activities.

Charlie Smullin, writing under the impressive letterhead "Headquarters Harbor Defenses of New York—Office of the Harbor Defense Ordnance Officer—Fort Hancock, N. J." says. . .

. . . "Before the Army took over. . . I was working south of you. . . Pulaski, Va. in the American Pigment Corporation. . . My title reads "Assistant to the Harbor Defense Ordnance Officer" We run into pretty much general Ordnance work around here. . . everything from cotter pins to 12 in. guns. It has been quite interesting. . . I ran into Walt Schmidt. . . He is Adjutant to the Commanding Officer at Fort Tilden, N. Y. . . an Ordnance man as adjutant. . . he is almost tearing his hair out."

Many thanks, Charlie. Hope I'll be able to get you an answer before the shakeup. And belated congratulations. Lt. Smullin's marriage to Miss Doris English of Bethlehem, Pa. on July 11 was reported in the recent BULLETIN.

VITAL STATISTICS

Sam Bradbury, who is a Sales & Service Engineer for the F. J. Stokes Machine Co. in Philadelphia, is marrying Miss Sarah Vannemann of Chestnut Hill, Pa., on November 21.

Belatedly reporting, *Art Winterbottom*, who is a Valuation Engineer for the Radio Corp of America, in New York City, married Miss Ruth Clark, on June 27.

Leo Wrightson, working in Easton, Md., is a proud father dating from last summer.

EDITOR

Lt. *Harry Harchar*, now stationed in London, has been named Associate Editor of the "Stars and Stripes", circulation a military secret, which has just become a daily paper serving our troops in the British Isles. It's a big job, and well-deserved. Congratulations, Harry.

Monitoring axis propaganda broadcasts in London is *Keiste Jannlis*, who is officially working for the Federal Communications Commission.

OLIVE DRAB

Hec Sims is an Ensign in the U. S. Naval Reserve SC V(G).

Gordy Simmons is a Captain in the U. S. Army probably in Alaska. . . A. P. O. No. 492, Seattle, Wash.

Private Todd Moise has left Ft. Logan, Colorado, destination unknown.

Lt. *Rudy Bozley* is stationed at the Cape May, N. J. Naval Base.

Sgt. R. E. Lee is now Lt. R. E. Lee with the Electronics Training Group, Signal Corps.

Lt. *Bill Hempel* is now with Co. D, 65th Q. M. Laundry Bu., Camp Gordon, Ga.

Ensign *W. F. Harland* is assigned to the U. S. S. Reid, somewhere in the Pacific.

Ensign *Warren Dyre*'s duties in Washington, D. C. are U. S. N. R. Liaison Officer between the W. P. B. and the Navy Dept.

BEHIND THE GUNS

Ed Broadway is a sheet metal worker at the Philadelphia Navy Yard.

Don Cray is Computer with the Independent Exploration Co. in Houston, Texas.

Charlie DeHuff is a Business Engineering Aide with the T. V. A. in Murfreesboro, Tenn.

Ire. Harry is an Electrical Designer & Draftsman with Ford, Bacon and Davis in Harrisburg, Pa.

Dick Larkin is with McGraw Hill in Washington, D. C.

Lee Socks is running a Men's Shop in Easton, Pa.

Frank Vernon is Sales Manager of U. S. Rubber in New York City.

ED. NOTE: How about some pictures and more letters from those of you in and out of the service.

CLASS OF 1939

Henry T. Shick Heckman, Correspondent
Bentleyville Road, Chagrin Falls, Ohio

Keeping time with '39



501 First Avenue
Bethlehem, Pennsylvania

Seems hardly possible that column time has rolled around again. Nine hours of schooling per day (with no cuts) makes for a full program and time just whizzes by. At this writing the Naval Detachment has the guts of four Diesel engines strewn all over Packard Lab and is learning what makes those oil-eaters tick.

Life at Lehigh is quite different these days . . . in some respects, most pleasantly so. Undoubtedly the biggest change is in the football team. Most of us never knew the sensation of going to game after game with the feeling that we had at least a fifty per cent chance of winning. Yet this year's team has won four straight and should end the season with two more victories. A reportedly good Rutgers team was held to a net gain rushing of minus four yards, while a scrappy Muhlenberg outfit was able to do only two yards better. It was indeed swell of the Navy Department to detail a victory starved alumnus to Bethlehem at such an opportune time.

We haven't seen many thirty-ainers since coming back—scads of them are in the services. Occasionally, we spy a familiar face from the '39 Epitome. Such an occasion was the Houseparty game when we ran into *Frank Rabold* and his wife. Frank is working at Beth Steel and looks in as good shape as ever. He, too, has seen little of thirty-nine but was able to supply the news that *Lt. Payson Nicholas* is now in Pearl Harbor. Address him at 27 Infantry, APO No. 25, % Postmaster, San Francisco, Calif.

SHADES OF I. N. A.

That same evening at the 'Chor, we bumped into *Russ Stevens*, now a First Lieutenant on the staff of the 377 Bombardment Group (II) stationed at Fort Dix, N. J. Last December 10, Russ married Kay Borman, but the word never filtered through to this column. Those of you who were on publications will undoubtedly remember Kay as that most attractive lassie who attended I.N.A. conventions as a representative of the Alfred University Fiat Lux. As a matter of fact, we can remember trying to wolf her one weekend ourselves. Kay and Russ can be reached at Box 142D, Browns Mills, N. J. Some of you will be wanting to send congratulations that way along about February first.

While running the lathe in machine shop t'other day, we heard a tumultuous shout go up, the cause of which was the triumphal entry of ex-mechanical engineering professor John Connally, now a Captain in the Army Ordnance. Connally is helping to run the Springfield Arsenal and was home for the purpose of moving his family Massachusetts way. He mentioned that he had seen quite a bit of Lieutenant Robert Popper, who is doing a good job as head of the gage and fixtures department of the Arsenal.

At Kinney's last week we encountered the Al Goeperts. Al and Doris are now proud parents of two bouncing children but still seem to get out occasionally.

ANCHORS AWEIGH

Also last week, we ended with sufficient gas to risk a trip to Easton, where we visited *Dave and Rita Hughes*. Dave is now working for the Taylor-Wharton Steel Company and is marking time while waiting for a commission in the Naval Reserve. The Hughes mentioned that *Ensign Art Cook* dropped in last December 7 and spent an enjoyable afternoon totally oblivious to the air show then going on in Pearl Harbor. We also learned that *Frank*

Kemmerer had taken the leap. The date is indefinite, but he married Carol Pancost and is living at Dobbs Ferry, N. Y. where he works for the Cochrane Chemical Co.

While watching the ROTC unit drill yesterday, we ran across *Francis Burnett* who was taking several turns around the track prior to a wrestling bout. Francis is still at the Steel but is getting himself into condition to accept a commission in the Army Air Corps Maintenance division at Chanute Field. In addition to preparing himself physically, he is spending several evenings per week studying meteorology at the University Library.

Francis supplied the information that *Henry Mack* is now a First Lieutenant and is stationed at Cairo where he is supply officer in one of the Air Corps Pursuit detachments. Another First Lieutenant with the Air Corps is *D. C. Oskin*. Don is a staff officer and is stationed in England. Also from Francis is the word that *Dick Drake* is now in Volunteer Officers Candidate school at Livingston, N. J.

A STAR FOR STAR

In this month's BULLETIN was an article about *Mitchell Zawisza* which some of you might have missed. Star lived up to his nickname and was awarded a silver star for gallantry in action. Zawisza is a Lieutenant in the Air Corps and received his award for shooting down a Japanese plane which was attacking a fellow pilot over Darwin last April.

Following is a list of fighting thirty-niners for whom we have no information other than rank and address:

Lieut. T. E. Bogert, Philadelphia Ordnance District, 2318 Belmont Ave., Ardmore, Pennsylvania. H. J. Baumann, U. S. Army, Fort Dix, N. J. Capt. H. D. Ferris, Battalion Supply Officer, 893 Tank Destroyer Batt., Camp Hood, Killeen, Texas. 1st Lieut. E. A. Fisher, 96 Ordnance Company, Fort Hancock, N. J. Lieut. A. S. Raff, 330 Raymond St., Hasbrouck Heights, N. J. Milton Spielberg, Officers Candidate School, Co. D, 802 S. S. Regiment, Fort Monmouth, N. J.

And now, with your permission, we'll call this "thirty" and whip over to see that lovely lassie awaiting crosstown. Don't forget those letters you all owe this way.

CLASS OF 1942

*Frank S. McKenna, Correspondent
85 Belvidere St., Crafton, Pa.*

Since that memorable day, May 25, 1942, when we shook hands with our classmates, wished them luck, and reluctantly turned our backs to South Mountain, the Class of '42 has diverged so completely and so rapidly that it is difficult to attempt to keep in touch with most of its members. I've been lucky enough to get back to Lehigh seven times and have run into a couple of classmates each trip. After the Penn State game I talked to Lieutenant "Chief" Parsons and his wife at the "Chor." "Chief" expected to be assigned to sunny California for several weeks. Ensign "Tav" Smith was getting set for a naval engineering project in South America. "Tav" says that Ensign Alex Wiggin has transferred to the Naval Air Corps in order to earn a pair of those gold wings. Almost every trip back I've run into Lieutenant Bob Steele and Lieutenant Will Mainwaring. They're stationed at Aberdeen and Fort Meade respectively. I managed to get up for fall houseparty and saw Lehigh make more touchdowns in one day than they did all last year. It sure is a pleasure to watch that team play and I wish they had another crack at Yale.

"Gus" Brenneman was back that week-end too. Lieutenant Archie Tiffet has been sent East again and is taking a course in Chemical Warfare at Fort Meade. Got a letter from Lieutenant "Mac" McConnell who is stationed at Wright Field in Dayton, Ohio. Mac hopes to be back for the Lafayette game which will be history, I guess, before this is printed.

I'll sure appreciate letters from any of you fellows for the next issue.



CLASS OF 1926

To Mr. and Mrs. Robert E. Freeman, a son, Robert F., September 3.

CLASS OF 1930

To Mr. and Mrs. William W. TenEyck, a daughter, Mary Elizabeth, November 4.

CLASS OF 1934

To Mr. and Mrs. Edwin N. Hower, a son, Edwin N. Jr., August 27.

CLASS OF 1935

To Mr. and Mrs. Francis J. Check, a son, Eugene F., October 16.

CLASS OF 1938

To Captain and Mrs. Robert A. Titlow, a son, October 20.

To Mr. and Mrs. Charles West, a son, Donald Charles, August 24.

CLASS OF 1939

To Mr. and Mrs. Robert J. Rose, a daughter, Barbara Walker, October 21.



CLASS OF 1929

Frank Holcombe married Miss Ann Falconer, September 27.

CLASS OF 1931

Theodore F. Richart married Miss Margaret Biggin, September 26.

CLASS OF 1932

Abraham Goldberg married Miss Miriam D. Lieberman, October 16.

Douglas T. Davidson, Jr. married Miss Lucille H. Hathaway.

CLASS OF 1934

Harold H. Demarest married Miss Eleanor F. Conklin, October 7, in Basking Ridge Presbyterian Church, Basking Ridge, N. J.

Richard E. Olwine married Miss Margaret Donald, September 19.

Leon Gribb married Miss Olivia Wompierski, October 6, in Holy Trinity Church, Nanticoke, Pa.

CLASS OF 1937

Robert A. Buerchaper married Miss Isabel M. Mortimer, October 17, in the Pro-Cathedral Episcopal Church, Bethlehem, Pa.

CLASS OF 1938

Douglas N. Stern married Miss Hazel M. Crane, October 17, in St. Andrew's Episcopal Church, Hartford, Connecticut.

David W. Morrow married Miss Shirley Domeisler, October 17, in the Prospect Presbyterian Church, Maplewood, N. J.

DEFENSE OPPORTUNITIES

THE WAR DEPARTMENT

needs

Trained Engineers

for

Airport Construction

For Information

Write

District Engineer
War Department

960 Ellicott Square Bldg.
Buffalo, New York

ENGINEERS WANTED

For research and development in the Bureau of Aeronautics, Washington, D. C. Write c/o Garrett B. Linderman, '14, and explain Lehigh connection in application.

RADIO OPENINGS

The position of radio inspector in the Federal Communication Commission has been added to those jobs in the field of radio for which the U. S. Civil Service Commission is seeking qualified persons. Salaries range from \$2,000 to \$2,600 a year. The maximum age is 45 years. Applications for the written test on radio and electrical engineering must be filed with the Commission's Washington, D. C., office.

For assistant positions (\$2,000 a year), completion of a 4-year college course in electrical or communication engineering or physics is prescribed. Provision is made for the substitution of radio engineering experience for this requirement. To qualify for the \$2,600 positions, applicants must have had in addition at least 1 year of appropriate radio engineering or teaching experience, or 1 year of graduate study in communication engineering. All applicants must be able to transmit and receive messages in the International Morse Code.

CLASS OF 1940

Edward L. Hess married Miss Jean E. Steigewalt, September 26, in St. John's Lutheran Church, Allentown, Pa.

Joseph S. Peterson married Miss Agnes Sylvester, September 26.

Frank C. Woodside, Jr. married Miss Dorothy L. Paulin, in the Calvary Lutheran Church, Verona, N. J.

CLASS OF 1941

Freddie W. Wilson, Jr. married Miss Ruth Elaine Chapman, September 19.

CLASS OF 1942

Wilkes McClave, 2nd, married Miss Camilla Adams, October 3, in the Prospect Presbyterian Church, Maplewood, N. J.

Charles Chipman, 3rd, married Miss Gayle R. Martin, September 26, in the Church of Ascension, Montgomery, Alabama.

Sergeant John Kizer married Miss Frances Moffitt, October 31.

IN MEMORIAM**Robert W. Barrell, '87**

Robert W. Barrell, mining engineer of St. Louis, died June 13, 1942.

Mr. Barrell graduated from Lehigh University in 1887. After his graduation Mr. Barrell spent ten years with various metal mining companies scattered through the western mountains from Mexico to Montana. The remaining years of his business life up to his retirement in 1935 were occupied in consulting mining, metallurgical and chemical engineering.

He is survived by his son, Robert W. Barrell, Jr.

PROFESSIONAL CARDS

State Mutual Life Assurance Company of Worcester, Mass.

Ine. 1844

Presented by

ARTHUR H. LOUX, '35
744 Broad Street

Newark, N. J.

MARket 3-2717

870 Union Commerce Bldg.
Cleveland, Ohio

KWIS, HUDSON & KENT

PATENT LAWYERS

B. M. Kent, '04

PIERCE MANAGEMENT
Engineering Consultants and Mine Managers
Anthracite — COAL — Bituminous

A successful background in the practical solution of difficult engineering and management problems.

J. H. Pierce, '10

Scranton Electric Bldg. Scranton, Pa.

New York City 51 East 42nd St.

VISSCHER & BURLEY
Architects

J. L. Burley, '94

Rezin Davis Svend B. Sommer

CHARLES ENZIAN . . . 1901
Consulting Mining Engineer and Geologist
Miners National Bank Building
Wilkes-Barre, Pa. Hazleton, Pa.

Forty years corporation, state and federal experience in Anthracite and Bituminous coal fields of United States and Canada.

Mine Roof and Surface Support Studies and Reports

Development, Operation, Appraisal, Safety and Mine Roof and Surface Support Studies and Reports

Ernest H. DuVivier, '89

Ernest H. DuVivier died October 18 after a brief illness.

Upon his graduation from Lehigh University in 1889, Mr. DuVivier worked in France for 13 years where he was engaged in the soap and wine industries. It was during this time that he was for a time associated with the great Louis Pasteur.

Upon his return to America, Mr. DuVivier opened an engineering office in New York City and also represented several foreign machine manufacturers. At the time of his death, Mr. DuVivier was acting as an agent for the Belke Mfg. Co. and Illinois Testing Laboratories.

He is survived by his widow, three sisters, and two brothers.

Charles L. McKenzie, '93

Charles L. McKenzie, president of the Duquesne Slag Products Co., the Concrete Products Co. of America, and the Land Improvement and Supply Co., died November 3, 1942.

Mr. McKenzie graduated from Lehigh University in 1893 and became associated with the Shiffler Bridge Co. from 1895 until 1900 when he became president of the Pittsburgh Construction Co. upon its organization. During the next 20 years Mr. McKenzie organized and was president of the slag, concrete, and supply companies, all of which were subsidiaries of the Pittsburgh Construction Co.

Mr. McKenzie was president of the National Slag Association for many years and was a member of the Duquesne and University Clubs, the Engineers Society of Western Pennsylvania and the American Iron and Steel Institute.

Surviving are his two brothers.

William F. Ulrich, '99

William F. Ulrich died October 29, 1942. Mr. Ulrich graduated from Lehigh University in 1899 and for many years was associated with the United States Steel Corporation.

He is survived by his wife, two sons and a daughter.

Webster N. Haas, '01

The Alumni Office has just received word that Webster N. Haas died April 30, 1942.

Augustine E. Greene, '06

We have just received word that Augustine E. Greene died August 12, 1942. Death was attributed to a heart attack.

He is survived by his widow.

William H. Turpin, '12

William H. Turpin died April 23, 1942.

Ambrose S. Gery, '13

A card from Mrs. Gery informed us of the death of her husband, Ambrose S. Gery, who died October 26, 1942.

George F. Glueck, '40

Lieutenant George F. Glueck has been killed in action in the Southwest Pacific.

Lieutenant Glueck graduated from Lehigh University in 1940 with a B.S. degree in Industrial Engineering. In the summer of 1941 he was commissioned an Ensign in the Naval Reserve and pursued his training at the Naval Torpedo School, Newport, R. I. Last June he was assigned to the Pacific fleet.

While at Lehigh Lieutenant Glueck was a member of the Chi Phi social fraternity, Lacrosse Club, Glee Club, and the Industrial Engineering Society.

Arthur M. Hughes, '40

Lieutenant Arthur M. Hughes has been reported killed in action over New Guinea.

Lieutenant Hughes attended Lehigh for two years but later completed his education at the University of Alabama. In July 1940, Lieutenant Hughes joined the Army Air Corps and graduated at Kelly Field, Texas, in March 1941.

While at Lehigh, Lieutenant Hughes was a member of the Pi Kappa Alpha social fraternity.

DIRECTORY OF LEHIGH ALUMNI CLUBS

Allentown, W. W. York, '24, (P); C. V. Coverse, '28, (S), 143 N. 28th St.

Bethlehem, (Home Club) John N. Marshall, '20, (P); J. K. Conneen, '30, (S), 904 Prospect Ave., Bethlehem.

Boston, D. C. Buell, Jr., '26, (P).

Central New York, Gordon Kent, '07, (S) The Kent Co., Rome, N. Y.

Central Penna., H. C. Towle, Jr., '28, (P); B. M. Root, '35, (S), Colonial Club Ridge, R. D. No. 3, Harrisburg, Pa.

Central Jersey, J. H. Pennington, '97, (P); C. Brewster Grace, '24, (S), W. State St., Trenton, N. J.

Chicago, W. O. Gairns, '26, (P); E. K. Collison, '07, (S), George A. Fuller Co., 111 W. Washington St.

China, T. C. Yen, '01, (P); A. T. L. Yap, '19, (S), 16 Burkhill Rd., Shanghai, China.

Cincinnati, B. E. Keifer, '18, (P); C. C. Sherrill, '35, (S), Box 111, Glendale, Ohio.

Delaware, W. M. Metten, '25, (P); G. H. Cross, Jr., '30, (S), 2211 Boulevard, Wilmington, Del.

Detroit, R. A. Lodge, '33, (P); E. E. Krack, '36, (S), 10386 Crocuslaw Ave.

Maryland, W. F. Perkins, '13, (P); P. J. Flanigan, Jr., '33, (S), 2405 Loch Raven Rd., Baltimore, Md.

Monmouth County, Jersey, C. A. Wolbach, (Chm); Carlton M. Roberts, '25, (S), 1508 Grand Ave., Asbury Park, N. J.

New York, F. E. Portz, '17, (P); Wm. McKinley, '19, (S), 414 E. 52nd St.

Northeast Penna., F. S. Lubrecht, '12, (P); G. G. Jacobovsky, '07, (S), 211 So. Main St., Wilkes-Barre, Pa.

Northern New Jersey, Larry Kingham, '25, (P); A. H. Loux, '35, (S), 917 Natl. Newark Bldg., 744 Broad St., Newark, N. J.

Northern Calif., R. H. Tucker, '79, (P), 1525 Waverly St., Palo Alto, Calif.

Northern N. Y., N. Y. Coxe, '34, (P); E. S. Gallagher, '36, (S), 1134 Glenwood Blvd., Schenectady, N. Y.

Northern Ohio, G. P. Nachman, '14, (P); H. B. Osborn, Jr., '32, (S), Ohio Crankshaft Co., 6600 Clement Ave., Cleveland, Ohio.

Philadelphia, T. C. O'Neill, '19, (P); Moritz Bernstein, '96, (S), 2130 Estaugh St.

Pittsburgh, J. H. Throm, '11, (P); H. E. Lore, '35, (S), 311 Chestnut St., Sewickley, Pa.

Southern Anthracite, H. R. Randall, '23, (P), Rhoads Contracting Co., Ashland, Pa.

Southern New England, John R. Waltman, '26, (P); L. H. Van Billiard, '23 (S), Newtown, Conn.

Southeast Penna., H. J. Kaufmann, '10, (P); George Potts, '23, (S), 536 Court St., Reading, Pa.

Southern Calif., D. H. Kirkpatrick, '17, (P); E. C. Hummel, '17, (S), 208 S. Orange Drive, Los Angeles, Calif.

Washington, D. C., F. G. Macarow, '20, (P); D. M. Wight, '23, (S), Washington Loan & Trust Bldg.

Western New York, W. A. Yates, '19, (P); L. G. Meurer, '26, (S), Marine Trust Bldg., Buffalo, N. Y.

York, Pa., J. G. Bergdoll, '19, (P); W. H. Shank, '37, (S), R. D. No. 5.

Youngstown, O., J. S. Stanier, '23, (P); J. A. Waterman, '30, (S), P. O. Box 135, Poland, Ohio.



**One Less Carrier
for TOJO!**

Echoes a SHAW Piping Job Done in America

"THREE vital elements essential to the United Nations' successful offensive drive of the war are Explosives, Synthetic Rubber, 100 Octane Aviation Gasoline.

"To produce them on time in the vast quantities America and our allies need, requires new plants—expansion of old ones—built fast.

"That means undreamed-of demands for all types of piping—piping for processing piping for power generating stations—piping that has to be bent, flanged, welded and heat-treated . . . then installed. And all done quickly!

"In this big job of piping prefabrication and installation, Shaw Company engineers are directing a vast crew of workers—over 5,000 men, who are helping to speed production of Explosives, Synthetic Rubber and 100

Octane Aviation Gasoline . . . helping to wipe the Japs out of the Pacific and end the world chaos caused by the Nazis.

"We at the Shaw Company are proud of the 24-hour a day, seven day a week war job we have, and we're proud, too, of the Shaw workers, over 90% of whom are buying War Bonds regularly from each pay."

PRESIDENT

BENJAMIN F. SHAW CO.
PIPING FABRICATORS
CONTRACTORS & DISTRIBUTORS
WILMINGTON, DELAWARE

STEEL FOR EVERY PURPOSE



Values That Abide

As a timely and comprehensive message to youth at today's crossroads, the Bulletin is pleased to publish this address of welcome by President C. C. Williams to the Class of 1946---the first group to enter Lehigh University in the current war

"And now abideth faith." Cor. 13:13

"Faith is the substance of things hoped for, the evidence of things not seen." Hebrews 11:1

AM happy to greet you and welcome you as you start out on your great life adventure in entering college. Nothing inspires me more than to stand before an incoming class and to reflect on the potentialities of such a group of young men, the future influence they will exert, positions they will hold and the contributions to human welfare they will make.

In welcoming you to Lehigh this morning, I open for you three doors one after the other; first a large door, then a larger door and finally a very large door. They open into three realms in which your life will largely be cast after today and which are therefore of vital importance to you.

The first door is the door to Lehigh University. As president of the University, I stand beside that door and bid you welcome to the friendship and comradeship of Lehigh. You will find good true friends here. Never after you shall have left college will you be surrounded by so many men who are worthy of your friendship. They have been carefully selected by the Director of Admissions. They are from good homes, although in many cases modest homes. They are honest, square-shooting, ambitious young men. Most of them twenty years from now will be in positions of responsibility where their acquaintance will be a source of pleasure and also a large element in your own success. Be friendly and all of these estimable young men will be your friends. College comes at the best age for forming friendship and Lehigh friends are good friends. You should cultivate and cherish them.

Lehigh comradeship is a comradeship of quality and purpose. Lehigh has a reputation for quality and its founding grew out of a movement toward useful education. Get hold of the pamphlet "By Their Works" published by the University and note the part that the alumni have had in building major industries and public works. An enterprising re-

porter phoned me one day from Philadelphia and asked if it were true that the presidents of all the steel companies in the United States are Lehigh alumni. I replied that it was not quite true. The mantle of these alumni falls on you. They went through Lehigh with the same fine spirit and high ambition that cause you to come here. They expect you to give your best efforts to your college work. Our Office of Admissions has become so expert that it rarely admits a man who does not have the ability to succeed in his course if he devotes his best effort, hence your success will depend on your application. The seal of the University is inscribed with the words of that great philosopher, Francis Bacon, "Homo Minister et Interpres Naturae," meaning "Man the minister and interpreter of Nature." Into that comradeship of Lehigh men who are ministers and interpreters of Nature, I am happy to welcome you today.

The second door is larger. It is the door to the associations of college fellowship and scholarship everywhere. As a senior scholar in scientific endeavor, I stand beside this door to give you greeting and wish you success. There are about 1700 colleges of all kinds in the United States with an enrollment of 750,000 men. There are 900,000 living male alumni. Statistically speaking, college education increases your chance of success many-fold. In every civilized land, there are many colleges and universities and the similarity of college training and living is a bond of common experience which makes all college men feel akin. This association is composed of men of ideals and culture, men who seek the truth, men who try to serve society. Of course many men of culture and ideals never went to college and conversely, many college men never acquire culture or ideals. What this association of college fellowship and scholarship which you are entering today will mean to you will depend on the mental and moral

habits that you form while at Lehigh. It is an interesting and challenging sphere of living and working and as you enter this larger door to collegiate fellowship and scholarship, I am happy to greet you and wish you success.

THE third and largest door that I open for you is the door to civic responsibility. As an older citizen of many generations descent who loves his country, I stand beside the door to civic responsibility, to greet you and wish you godspeed. While I am unable, as you enter these doors, to hand you a magic formula or talisman which would overcome the obstacles that you will encounter, I should like to leave with you a word of great spiritual richness that may be helpful at times when you may need help. It is the word which denotes the first of that trio of values which St. Paul says, abide, namely, **Faith**.

Faith is that directing guidance by which you proceed when you can not see your goal distinctly. It is that consciousness of being or acting right when data for a wholly rational decision are lacking. It gives light in the fog of doubt. It comes from having been certain that you once clearly saw your objective, that you started in the right direction, and that you are using every possible precaution to maintain that direction. Faith is the confidence that such progress will ultimately bring you to your goal. Soon after leaving college, I worked on railway location. I recall as a young transitman, surveying a line across the Tunkhannock Valley. Far across the valley, I saw a certain low point in the opposite hill where the line had to go. However, the valley, which was some two miles wide, was filled with woods and other obstacles. Looking at the distant point I took bearings, and in the language of the surveyor, I "compassed it through." That is, by means of the compass bearings, my party went forward and arrived at the right point although we were not able to get even a glimpse of it all the way. That is analogous to faith,—the faculty by which you keep going toward your goal when it is temporarily lost from view. These three doors that I open for you today lead to realms where frequently you will have to carry on by faith.

In your first year at college, there will come times when you will be uncertain about whether you have chosen the right course, whether you should have attempted college at all, and whether in these war times, you ought not be doing something else. At such times, just recall that you once saw your goal, that you started directly toward it, and that to the best of your ability you are maintaining the direction. By faith, you will come to your destination despite the occasionally blurred vision.

You are entering through the door to civic responsibility at a particularly difficult period in human history when faith must constantly be your stay. Our country is engaged in an all-out war which requires the devotion of every loyal citizen to a coordinated plan. In that effort, Lehigh has volunteered and is in line of march. Our government has assumed the responsibility for assigning the youth of the land to duty in a systematic manner, and your loyal obligation is to follow that system. Until you find a clear

indication or a government call to do otherwise, you should continue and not be deflected from the course that you have undertaken. A member of last year's class, a young lieutenant at Aberdeen, who recently called at my home, expressed that opinion vigorously. Our country must not only fight this war, but it must operate effectively in the years to follow. The best abilities and characters will be needed and your preparation may find its greatest usefulness in that day. You will need to keep your sense of direction through the confusion of war to your career beyond.

IN seeking clarity of vision in the present turmoil, the great question that arises in your mind is why are we in this war and whose the blame. It is a complicated question to which there is no simple answer. History is a stream of events flowing under the great dynamic of human life and ambition in which one event is pushed on by another without being specifically caused by it. Historical causes are social forces, mostly invisible and imponderable. Does a cigarette or a lighted match cause a conflagration in a city? It might start a small flame, but the unseen chemical affinity between carbon and oxygen is the actual cause of the disaster. Did the assassination of an arch-duke at Sarajevo cause the other world war? It merely ignited the fuse. The political rivalries, the nationalistic antipathies and other social tensions caused the catastrophe.

Through tradition, history and literature, great reservoirs of emotional feelings gather at high head, commonly termed nationalism, which a small incident may unloose and the institutions of civilization may not be able to withstand the flood. Inflammatory agitation usually occurs to increase that tension. In Germany during the past two decades, nationalism has been fanned by propaganda until it became a collective neurosis, a psychopathic obsession. Nationalism arises in part from geography and the human egotistical trait of believing one's own group superior to other groups. The particular nationalism now raging began with feudalism and the intrigues of the Holy Roman Empire; it was augmented by the ambitions of Frederick the Great and of Napoleon I, by the colonization of England, and the imperialistic annexations of the United States following the Spanish-American War. The inconclusiveness of the last war and the unwillingness of the victors to sacrifice economic advantage blocked the expansion of international law to safeguard civilization. Finally the cry of "Lebensraum" by a chauvinistic fanatic opened the floodgates and down came the deluge. In this case, the accumulated reservoirs of nationalism had been connected by an adroit Machiavellianism into the higher storage levels of political ideologies so that a nationalistic war has become a global struggle fought on three great fronts, viz., the military, the economic and the psychologic. The war, therefore, resulted in part from a brutal release of pent-up nationalism and in part from a failure of the institutions of civilization to restrain the torrent. Hitler alone did not cause the war, for there was a cause back of Hitler. His misanthropic career is an effect as is the war itself. However, his acts of falsification, conspiracy and murder which galvanized

other events in the direction of war are personal crimes, whose heinousness is magnified by the destruction that followed. For such acts, guilt is personal. Although as a social phenomenon war results from a failure of human wisdom and character in general yet guilt of the individuals who precipitate the struggle is criminal and should be punished.

RECENTLY I heard on the radio a young woman say that she did not welcome advice from the generation of her father because the blunderings of his generation had brought this mess of world war. How silly! She could with equal validity have brought the charge against the generation of her grandfather or of her great-grandfather. Her father's generation had valiantly attempted in the other war to cleanse the world of an almost identical brutality. She and her generation are displaying no more acumen or heroism than did their father's and, so far as I have observed no less. The failure is not singly the fault of any particular generation, nor of education, nor of religion, except remotely and generally. The failure is primarily one of political institutions and lies in the human limitations of politicians for which those institutions are not adequately safeguarded. Your responsibility in this human debacle derives from the fact that at this fateful juncture in the succession of generations, the youthful vigor of the race happens to reside in you. Youth holds social life, i.e., civilization, as well as biologic life in trust for all future generations.

However, the war once joined has raised certain questions that must be answered. Under modern technology, the world has been drawn together so that a more closely coordinated world organization with a curtailment of independent sovereignties has become inevitable. The issue to be decided is whether that new organization will be effected by militaristic force with one or more overlord nations holding dominion, or by democratic federation with a measure of independence and freedom for all peoples. The Axis powers hold to the former purpose while the United Nations contend for the latter. The life outlook for the millions of peoples of the world down the future centuries depends on the answer. The question is epochal and must be answered right.

How long will the war last is a prime query for you young men. No one knows. It will probably be essentially finished in 1943, but much may remain to be done in 1944. It required 15 years to bring down Napoleon, the other little corporal who attempted to set up a ruthless military despotism in Europe. However, he bled France white and fell as Hitler will fall when Germany staggers with exhaustion. The war must be continued until international gangsterism is purged and the way opened to democratic control of war and peace. However, prolonging the struggle to effect a punitive dismemberment of any established nation on the one hand or the restoration of small linguistic groups which cherish traditions of statehood on the other would be tragic folly. It would be counter to the trend of advance in world organization, since modern communication, transportation, and organized industry are impelling toward integration into larger political

systems rather than disintegration into smaller units. Political dominion will have to be proportionate to ethnic cultures and a nation will have to be economically and politically competent in order to contribute to world stability. When for all major nations, decisions governing belligerency rest in the hands of their peoples and when freedom of the agencies of education is assured, the war should stop, for a basis of stable world relations will have been reached. The order to cease firing will finally be given and an armistice proclaimed. Then some sort of treaty will initiate peace. Through faith, civilization may win this peace regardless of the defects of the treaty.

THERE is much idle speculation about the provisions of that treaty. We should be unwise to count on its being an inspired formula for an enduring peace, justice and prosperity for the statesmen participating seem unlikely to be superior in calibre to those at Vienna or Versailles. They will probably endeavor to punish past crimes and to set the clock back to some period which represents a favored political configuration of national boundaries rather than to envision the future. What period may be selected lies in the lap of the gods, for there never was a period of universal satisfaction. We may expect nations and states to be agglutinated into systems with a view to some overall organization having a measure of governmental powers. To hazard a prediction at this time of even the essential features of that plan would do no good and might do harm. I feel sure that if I were clairvoyant and could foresee the scheme as it will be actually adopted and should reveal it to you today, the plan and I too would be heaped with ridicule, for it will inevitably fall short at many points. Whatever the terms of the treaty, it will mean that the surgery of war has been finished, the horrible opening has been sewed up, and that the benignant forces of civilization may begin their healing action.

The period following the war will doubtless be one of great business activity. The world will be depleted in its normal requirements and their production will involve industry and commerce. Money will be plentiful and credit easy. It will probably be a period of the arts also, for the world will need to be rebuilt emotionally and spiritually as well as economically. It will be a time of testing of social doctrines and political procedures, and in the fog of that period, you will have need of enduring values, including faith in a few essentials.

Most important will be faith in the individual man. In the regular growth of political government, there is a tendency to subordinate the individual and advance the collectivistic idea of statism. From the bureaus of government, there comes a doctrine that the state somehow is all wise, good, and powerful, and also rich with endless capacity to distribute wealth. There is perhaps no more pernicious falsehood in political chicanery. The state has no independent wealth other than that of its citizens and in wisdom it never rises above the capability and the character of the men in office, and it frequently falls far below them. The scientific discoveries, the inventions, the great musical compositions, the great works

of art and literature, and the great efficiencies in production, come from the life activities of individuals. Christ emphasized individuals, therefore, I urge that you hold fast to a faith in the individual and not be led into a worship of statism.

Against that day of civic responsibility, I would also exhort you to have faith in a government of law rather than of men. Law consists of rules for governing social conduct that have been distilled from the experience of the race through the centuries. Every country of today inherited certain formulated laws from preceding countries and has adapted or amended those laws to its circumstances. Laws and other social institutions constitute civilization. When law breaks down, civilization has broken down and the break can not be so readily repaired as can a material failure, because law is organic and when broken down, it must grow anew.

Government of law is contrasted to government by men, the latter is the receivership of government of law. Government by men represents the tribal form of rule of the savage state. Such government is fickle, depending on the whim of the chieftain. Germany and Italy have thus retrograded from government by law to primitive tribal government by leaders. Within the past decade, our own government has deteriorated somewhat through executive "authorities" and "administrations" toward a government of men. It would be inopportune at this time to expand the last statement. I wish merely to say that government by law is the acme of civilization and offers the only system of dignity and freedom for mankind, and to urge that you hold fast to faith in government of law rather than of men.

LASTLY, I would attach to that sublime word of our theme an exhortation to have faith in God, for without faith in an ultimate and infinite spirit of right, of truth, of compassion, of power and of purpose, the created world becomes meaningless. The marvels of the universe which you study in college can only be contemplated in the light of a rational plan, and a plan can not exist without a planner. Man has a place in the eons of time as well as in the limitless expanse of space. Man in his divine freedom of volition may make a sorry mess of his environment, but he has another divine endowment, rationality, which permits him to understand that it is a sorry mess and not to mistake it for right. The form and character of God we can not know any more than we can know what lies outside all space, but we may know man's relations to Him, which we call religion, by inferences and revelation. We benefit by our relations to Him, therefore, through faith.

You come to college seeking values that abide and your decision is wise. I have opened three doors to realms in which values will be tested by doubts

at times. You have faith that education is an enduring value and you are right. It is one of the most secure of all assets. What do I mean by education when I say it endures. I do not mean knowledge, for as a teacher, I have given too many examinations to permit me to believe that knowledge abides very long or very correctly. The food that you eat does not remain, yet it leaves an increase in strength. Likewise the knowledge that you learn adds to your mental fibre and the music that you hear refines your longings and your satisfactions even though they physically cease. What you have after knowledge has dimmed and the vibrations of musical notes no longer touch your auditaries is education. That is the education which transcends all subject matter and endures.

Be of good courage. Older folks may find ground for pessimism, for their world is changing. While you young men may at times have some anxiety, you have no cause for pessimism. War will pass. Government debt, inflation and state socialism are serious matters, but chiefly in terms of yesterday. Tomorrow it will be in your power to revise and correct. There are many values that abide. The great fruitful world will still be here which with the sunshine and rain will continue to produce the necessities even though claims to large paper wealth may have depreciated. The great scheme of life will ever continue as of yore. Young people will laugh, court and marry, and generation will succeed generation. Men of ability, character, and diligence will attain to positions of influence and responsibility whatever the system of social organization. You will find your place in that system and enjoy success in proportion to your capacity and enterprise. America has always been full of opportunities and what they will be in the future lies in your hands. Face the future with faith and confidence.

FOR that future, your college education, in that it gives you power of thought, will be a preparation. College should and does confer values which endure throughout your life span and which through you may be enhanced and passed on to succeeding generations. Despite the turmoils of war, you must go forward. You can not stop, take time out, and wait for a more favorable period for your career. You have started, keep going. Make a success of your college work for the sake of your own future and as your best patriotic service to your country at this time. You will not always be able clearly to see the way after you have passed the three doors that I have opened for you today; you will have many moments of doubt when the "substance of things hoped for, the evidence of things not seen" will be a cherished boon, a value that abides. "And now abideth faith." I give you faith.